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SEDIMENT DEPOSITION IN U.S. RESERVOIRS

SUMMARY OF DATA REPORTED THROUGH 1975

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SEDIMENT DEPOSITION IN U.S. RESERVOIRS
Summary of Data Reported Through 1975

Compiled by F. E. Dendy and W. A. Champion

USDA Sedimentation Laboratory, Agricultural Research Service
Oxford, Miss.

U.S. Department of Agriculture

Miscellaneous Publication No. 1362

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DEPARTMENT OF AGRICULTURE
- Agricultural Research Service
- Forest Service
- Soil Conservation Service

DEPARTMENT OF THE ARMY
- Corps of Engineers

DEPARTMENT OF COMMERCE
- National Oceanic and Atmospheric Administration

DEPARTMENT OF THE INTERIOR
- Bureau of Mines
- Bureau of Reclamation
- Geological Survey

DEPARTMENT OF TRANSPORTATION
- Federal Highway Administration

ENVIRONMENTAL PROTECTION AGENCY

FEDERAL POWER COMMISSION

TENNESSEE VALLEY AUTHORITY

ACKNOWLEDGMENT

Personnel in many Federal, State, and local government agencies made the engineering surveys and provided the reservoir data sheets summarized in this publication and contained in the supplement. Their efforts are gratefully acknowledged.

This publication supersedes and updates USDA Miscellaneous Publication No. 1266, "Summary of Reservoir Sediment Deposition Surveys Made in the United States Through 1970," published in 1973.

Washington, D.C. Issued February 1978

ABSTRACT

SEDIMENT DEPOSITION IN U.S. RESERVOIRS: SUMMARY OF DATA REPORTED THROUGH 1975. F. E. Dendy and W. A. Champion (compilers). U.S. Dep. Agric. Misc. Publ. No. 1362, 82 pp.

The reservoirs are grouped by drainage basins, the boundaries of which are shown on an index map. Summary data include reservoir locations, survey dates, drainage areas, reservoir storage capacities, ratio of reservoir capacities to average annual inflows, specific weights (dry) of sediment deposits, and average annual sediment-accumulation rates. This publication supersedes and updates USDA Miscellaneous Publication No. 1266, "Summary of Reservoir Sediment Deposition Surveys Made in the United States Through 1970."

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An example of a completed form for reporting reservoir sediment data appears on p. 81. A blank form, to be torn out, appears at the end of the publication.

INTRODUCTION

Data from known reservoir sedimentation surveys made in the United States through 1975 are summarized in this publication. The accuracy of the survey data varies greatly. The field surveys ranged from reconnaissance measurements of sediment depth at a few locations to detailed surveys based on closely spaced cross sections or contours. No attempt was made to classify the surveys according to degree of accuracy.

This publication supersedes USDA Miscellaneous Publication No. 1266,[1] and all reservoir surveys reported in MP 1266 are repeated herein. In addition, this summary includes surveys made before 1970, but not previously reported, and new data on reservoirs surveyed or resurveyed since 1970. Data on storage reservoirs, ponds, and debris basins are included. The structures are located in all of the 48 conterminous States except Florida and in Puerto Rico.

Detailed information about each of the reservoirs listed in the summary table is given in a supplement to this publication or in supplements to previous editions. Because of their bulk and because the detailed information is not of general interest, the supplements are not distributed to all recipients of this publication. Copies are available in the offices of the agencies represented on the Sedimentation Committee of the Water Resources Council. Reprints of data sheets for specific reservoirs may be obtained on request from the Director, USDA Sedimentation Laboratory, Agricultural Research Service, P.O. Box 1157, Oxford, Miss. 38655. Requests for information not contained in this summary or in the supplements should be directed to the agency supplying the data.

Information in this publication and in the supplements should prove useful to engineers and watershed planning specialists in private and public practice who are concerned with problems of reservoir sedimentation. Engineers, engineering firms, and local government agencies who have data on similar reservoir sedimentation surveys are invited to make this information available to the Sedimentation Committee for inclusion in future editions of this publication.

EXPLANATION OF SUMMARY TABLE

Dashes in columns of the table signify that data were unavailable or that the column was not applicable for the reservoir.

Reservoirs are grouped by drainage basins. Drainage-basin boundaries, established by the Subcommittee on Hydrology, Federal Inter-Agency Committee on Water Resources, are shown on the index map. The first of the hyphenated data-sheet numbers identifying a reservoir in the summary table indicates the drainage basin in which it is located. The second number, assigned as the data were summarized, identifies a particular reservoir within a basin. The same identifying numbers are shown on the individual reservoir data sheets in the supplements. When a survey data sheet is revised or when another sheet is prepared with additional survey data, the identification number is modified by the addition of letters beginning with a; for example, 13–2, 13–2a, 13–2b, etc.

Total drainage area includes the reservoir area and the area lying above all upstream dams but generally excludes noncontributing drainage areas lying within the watershed boundary. Where available, drainage areas published in the Water-Supply Papers of the U.S. Geological Survey are usually used. The net drainage area is the sediment-contributing area and generally excludes the reservoir area, drainage areas above upstream reservoirs, and other structures that are effective sediment traps.

The first date shown usually corresponds to

[1] Dendy, F. E., and Champion, W. A. (compilers). 1973. Summary of reservoir sediment deposition surveys made in the United States through 1970. U.S. Dep. Agric. Misc. Publ. No. 1266, 82 pp.

the beginning of storage, when sediment deposition began. However, for some reservoirs the first date is the date of the first survey made after the reservoir had been in operation for some time.

For most reservoirs, the storage capacity given is the total storage below the level of the crest of an ungated spillway or below the level of the tops of gates (less gate-height freeboard, if any) of gated spillways. Where capacity values below the spillway-crest elevation are given, footnotes are used to explain.

In calculating the ratio of reservoir capacity to average annual inflow (C/I ratio), the average annual inflow for the entire period of record was normally used. This period may or may not correspond to the period for which sediment accumulation is given in the data sheets. Generally, C/I ratios are not given if upstream structures controlled 25 percent or more of the drainage area.

The specific weight (dry) of sediment deposits is an average or weighted value for the reservoir, usually determined from samples. Because of variations in depth and location within the reservoir, specific weight is generally an approximation. The entry is marked by an asterisk where it was assumed or calculated from the size-frequency gradation of deposits.

The average annual sediment-accumulation rate (acre-feet and tons per square mile of net drainage area) pertains to sediment deposited in the reservoir below the full-pool elevation. Sediment deposited in deltas above full-pool level or discharged from the reservoir is not included unless explained by footnote. When the latest survey of previously surveyed reservoirs indicated an increase in the specific weight of deposited sediment, the annual sediment-accumulation rate in tons per square mile was not always computed in the same manner. For some reservoirs, compaction of earlier sediment was considered, and for others it was not.

The agency supplying the data is shown in the last column of the table. This agency either has the basic data available or has access to it through cooperative arrangements. Symbols used in this column denote the following agencies:

ARS	Agricultural Research Service
BR	Bureau of Reclamation
CE	Corps of Engineers
FS	Forest Service
GS	Geological Survey
IWS	Illinois State Water Survey
ODW	Ohio Department of Natural Resources—Division of Water
SCS	Soil Conservation Service
TVA	Tennessee Valley Authority

REPORTING RESERVOIR SEDIMENT DATA

A sample of a completed "Reservoir Sediment Data Summary" form is shown at the end of this publication. This sheet is a convenient and standard form for reporting results of reservoir surveys. Readers, particularly engineers in private practices, in engineering firms, or in local government agencies, are invited to prepare sheets covering surveys known to them but not included in this publication. A blank form is enclosed as a tear sheet at the end of this publication. Additional data sheets may be obtained from the Washington, D.C., offices of the Departments listed on the title page, or the form may be reproduced if desired. The completed forms may be sent to any of the government agencies represented on the Sedimentation Committee for inclusion in later editions of this publication.

Index number corresponds to first of two numbers in summary table, which appear in column headed "Data Sheet No."

INDEX MAP OF RIVER BASINS

SOURCE: River basin maps showing hydrologic stations. 1961. U.S. Dep. Commer., Weather Bur. Notes on Hydrol. Activ. Bull. No. 11, 79 pp.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ MI OF NET DR AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ MI OF NET DR AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			ST. JOHN MACHIAS, PENOBSCOT, KENNEBEC, ANDROSCROGGIN, AND PRESUMPSCOT RIVER BASIN										
1-1	Little River Res. #2	Little River	Belfast, Me.	13.9	13.8	-- 1913	--	456	* .029	--	--	--	SCS
	do	do	do	--	--	Oct. 1969	56	341	.021	*100	.15	326	
			HOUSATONIC, CONNECTICUT, THAMES, AND MERRIMACK RIVER BASIN										
2-1	Broad Brook	Broad Brook River	Broad Brook, Conn.	5.13	--	-- 1916	--	3,706	--	--	--	--	SCS
	do	do	do	--	--	Sept 1951	35	3,652	--	* 50	.33	359	
2-2	Mountain Street	Trib. of Beaver Brook	Greenfield, Mass.	.8	--	-- 1905	--	1,074.2	--	--	--	--	SCS
	do	do	do	--	--	Sept 1951	46	1,056.1	--	* 50	.56	610	
2-3	Plants Pond	Eightmile Run	Plantsville, Conn.	15.76	--	Nov. 1850	--	105	--	--	--	--	SCS
	do	do	do	--	--	Sept 1951	101	84.8	--	* 50	.01	11	
2-4	Southington Reservoir	Budd River	Southington, Conn.	1.08	--	-- 1883	--	321.8	--	--	--	--	SCS
	do	do	do	--	--	Sept 1951	68	314	--	* 50	.1	109	
2-5	Wallingford	Pine River	Wallingford, Conn.	8.98	--	-- 1941	--	433.4	--	--	--	--	SCS
	do	do	do	--	--	Sept 1951	10	430	--	* 50	.04	44	
2-6	West Whately	Avery Brook	West Whately, Mass.	9	--	-- 1902	--	76.7	--	--	--	--	SCS
	do	do	do	--	--	Sept 1951	49	71.2	--	* 50	.012	13	
2-7	Westfield	Moose Mountain Branch	Westfield, Mass.	2.52	--	-- 1874	--	564.6	--	--	--	--	SCS
	do	do	do	--	--	Sept 1951	77	546.8	--	* 50	.094	102	
			HUDSON RIVER BASIN AND ST. LAWRENCE DRAINAGE IN NEW YORK										
3-1	Schoharie (Gilboa Dam)	Schoharie Creek	Prattsville, N. Y.	314	312.32	Aug. 1926	--	63,821	--	--	--	--	SCS
	do	do	do	--	--	May 1950	23.8	62,702	--	* 60	1/.166	1/217	
3-2	Englishtown Pond	Weamaconk Creek	Englishtown, N. J.	7.2	7.19	-- 1755	--	42.3	.005	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	200	13.5	.002	* 60	.02	26	
3-3	Carnegie Lake	Millstone River	Princeton, N. J.	155	47.8	Dec. 1907	--	1,256	--	--	--	--	SCS
	do	do	do	--	--	Sept 1950	42.8	954	--	* 50	2/.2	218	
	do	do	do	--	--	-- 1959	9	3/822	--	--	--	--	
3-4	Wappinger	Wappinger Creek	Wappinger Falls, N.Y.	197	--	-- 1900	--	604.4	--	--	--	--	SCS
	do	do	do	--	--	July 1952	52	461.6	--	* 50	.01	11	
3-5	Batavia Kill Site #4A	Trib. of Batavia Kill	Windham, N. Y.	6.8	6.65	June 1970	--	1,562.7	.216	--	--	--	SCS
	do	do	do	--	--	Aug. 1973	3.2	1,561.92	.215	* 80	.036	64	
	do	do	do	--	--	Aug. 1975	5.2	1,561.88	.215	* 80	.003	5	
			SUSQUEHANNA AND DELAWARE RIVER BASINS										
4-1b	Loch Raven Reservoir	Gunpowder Falls River	Towson, Md.	303	4/219.4	-- 1914	--	5/70,169	.288	--	--	--	SCS
	do	do	do	--	--	Oct. 1943	29	5/64,813	.266	* 60	4/.618	4/806	
	do	do	do	--	--	June 1961	18	64,072	.263	57.3	.188	253	
	do	do	do	--	--	Sept 1972	11	63,105	.259	70.9	.401	1367	
4-2a	Prettyboy	do	Herford, Md.	80	77.5	Apr. 1933	--	60,979	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1943	10.5	5/60,410	--	* 60	.699	913	
	do	do	do	--	--	Sept 1961	18	59,864	--	64.2	.391	547	
4-3	Griffin	Griffin Creek (Legget)	Scranton, Pa.	3.21	3.04	-- 1888	--	1,991	--	--	--	--	SCS
	do	do	do	--	--	May 1941	53	1,953	--	--	.237	--	
4-4	Elmhurst	Roaring Brook	do	34.85	34.55	-- 1890	--	3,746	--	--	--	--	SCS
	do	do	do	--	--	May 1941	51	3,686	--	--	.034	--	
4-5	Lake Williams	Codoros Creek	York, Pa.	42.9	42.6	-- 1912	--	2,686	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	27	2,232	--	49.1	.394	421	
4-6	Williams Bridge	Stafford Meadow Brook	Scranton, Pa.	5	4.94	-- 1893	--	1,051	--	--	--	--	SCS
	do	do	do	--	--	May 1941	48	1,046	--	--	.022	--	
4-7a	Atkisson Reservoir	Winter's Run	Bel Air, Md.	45.46	45.35	-- 1942	--	896.19	.025	--	--	--	SCS
	do	do	do	--	--	-- 1954	12	705.32	.019	* 60	.351	459	
	do	do	do	--	--	-- 1965	11	617.06	.017	--	.177	231	
4-8a	Pelto Dam	Dean Creek	Spencer, N. Y.	.41	.41	July 1955	--	56.04	.13	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	2	55.9	.129	* 80	.17	296	
	do	do	do	--	--	June 1966	8.9	55.6	.128	* 79.2	.083	141	
4-9a	Pylkas Dam	do	do	.71	.71	July 1955	--	187.31	.25	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	2	187.1[illegible]	.25	* 80	.13	226	
	do	do	do	--	--	June 1966	8.9	186.7	.249	* 80	.068	119	
4-10	Columbia Dam	Paulins Kill River	Columbia, N. J.	171	171	July 1937	--	311.77	--	--	--	--	SCS
	do	do	do	--	--	July 1957	20	244.19	--	* 64	.02	28	
4-11	Old Glatfelter	W. Br. Codorus Creek	Spring Grove, Pa.	74.3	--	-- 1884	--	147.2	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	55	10	--	--	.034	--	
4-12	Palington Reservoir	Powder Creek	do	2.91	2.9	-- 1937	--	63	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	1.6	59.9	--	33.2	.669	483	

4-13	Lake Rushford----------	Caneadea Creek---------	Caneadea, N. Y.--------	60.7	--	--	1925	--	28,000	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1951	26	27,426	--	* 60	.37	484	
4-14	Icedale----------	Brandywine W. Br.-------	Coatsville, Pa.--------	20	--	--	1900	--	137	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1951	51	106	--	* 50	.03	33	
4-15	Coatsville----------	Rock Run----------	-----do----------	5	--	--	1916	--	1,019	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1951	35	970	--	* 50	.28	305	
4-16	Liberty Reservoir--------	Patapsco----------	Wards Chapel, Md.------	164	159.1	July	1954	--	138,762.4	1.133	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1962	7.9	138,227	1.129	* 60	.426	557	
4-17a	Little Deer No. 1-------	Trib. Little Deer-------	Madonna, Md.----------	.74	.72	June	1958	--	* 173.89	.349	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1962	4.5	* 168.84	.339	* 55	1.55	1862	
	-----do----------	-----do----------	-----do----------	--	--	April	1972	10	162.54	.326	79.9	.87	1898	
4-18	Mount Morris----------	Genesee River----------	Mount Morris, N. Y.---1	077	1,011	Nov.	1951	--	338,010	.347	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	May	1957	5.5	336,611	.345	6/--	.25	419	
	-----do----------	-----do----------	-----do----------	--	--	May	1963	5.9	335,393	.344	77	.2	335	
4-19a	Patterson Creek #1------	Patterson Creek--------	Endwell, N. Y.---------	4.3	4.22	Oct.	1968	--	891.4	.229	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1970	2	887.95	.228	* 80	.41	712	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1972	1.8	887.69	.228	* 80	.03	60	
	-----do----------	-----do----------	-----do----------	--	--	Sept	1974	2.1	887.07	.228	* 80	.07	122	
4-20a	Little Choconut #2B-----	W. Br. Little Choconut-	Choconut Center, N. Y.	1.64	1.61	Oct.	1968	--	272	.183	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1970	2	271.38	.183	* 80	.19	336	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1972	1.8	271.14	.182	* 80	.08	145	
	-----do----------	-----do----------	-----do----------	--	--	Sept	1974	2.1	271.05	.182	* 80	.027	46	
4-21	E. Br. Clarion R. Lake--	E. Br. Clarion River---	Wilcox, Pa.----------	72.4	70.3	June	1952	--	84,260	1.01	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	May	1971	18.9	83,406	1	66.3	.64	924	
4-22	Kaercher Creek PA-476---	Kaercher Creek---------	Hamburg, Pa.----------	.5	.49	Dec.	1965	--	69.18	.13	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1975	9.75	68.15	.13	57.7	.22	276	
4-23	Martin Creek PA-467-----	Trib. Martin Creek-----	Kingsley, Pa.----------	.8	.79	Sept	1967	--	136.33	.17	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1975	8	135.75	.17	67.3	.09	132	

POTOMAC, RAPPAHANNOCK, YORK, AND JAMES RIVER BASINS

5-1a	Lake Barcroft----------	Trib. of Potomac River-	Falls Church, Va.------	14.5	14.3	Jan.	1915	--	7/1,847	.142	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1938	23.1	7/1,762	.134	* 60	.257	336	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1957	19.5	8/2,092	.161	--	.728	950	
5-2	Pedlar----------	Pedlar----------	Oronoco, Va.----------	33.21	33.07	Feb.	1907	--	1,860	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1938	31	1,723	--	--	.134	--	
5-3	Burnt Mills----------	N. W. Br. Anacostia R.-	Silver Spring, Md.-----	27	26.97	May	1930	--	181	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1938	7.8	95	--	* 60	.408	533	
5-4b	Greenbelt Lake----------	Trib. of Indian Creek--	Greenbelt, Md.---------	9/.82	.79	July	1936	--	196	*.312	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1938	1.6	186	*.296	* 60	7.91	10,337	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1957	19.5	151	*.24	* 60	2.27	2,970	
	-----do----------	-----do----------	-----do----------	--	--	June	1968	10.8	10/147	.234	* 60	1.52	1,945	
5-5a	Staunton----------	North River----------	Staunton, Va.---------	25	25	Dec.	1925	--	385	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan.	1940	14	373	--	--	.034	--	
	-----do----------	-----do----------	-----do----------	--	--	June	1957	17.5	350	--	--	.053	--	
5-6	Jackson----------	Occoquan Creek---------	Manassas, Va.---------	337	336.4	July	1930	--	4,500	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1937	7.2	4,158	--	* 60	.141	184	
5-7b	Triadelphia L. (Brighton D.)	Patuxent River---------	Brighton, Md.---------	81.4	80	Jan.	1942	--	11/20,222	.327	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1950	8.3	20,089	.324	* 50	.2	218	
	-----do----------	-----do----------	-----do----------	--	--	Sept	1958	7.9	19,633	.317	* 50	.72	784	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1964	5.9	19,045	.308	61.1	1.25	1,663	
5-8	Gordon Lake----------	Evitts Creek----------	Cumberland, Md.--------	64	12/4	Sept	1913	--	3,129	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1940	26.6	3,004	--	--	13/.09	--	
5-9	Thomas W. Koon Lake-----	-----do----------	-----do----------	60	59.6	Mar.	1932	--	7,312	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1940	8.1	7,294	--	--	.036	--	
5-10	Savage River Dam--------	Savage River----------	Bloomington, Md.-------	105	104.44	Mar.	1952	--	20,300	.172	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1956	4.	20,020	.169	* 60	.643	840	
5-11	Rocky Gorge----------	Patuxent River----------	Laurel, Md.----------	132.8	50.14	Mar.	1954	--	21,390	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1964	10.4	20,789	--	67	1.15	1,678	
5-12	South River, Site 26----	Inch Branch----------	Waynesboro, Va.--------	2.7	2.7	May	1956	--	610.4	.28	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1970	14.5	607	.28	* 60	.087	110	
5-13	Wilde Lake----------	Trib. Little Patuxent--	Columbia, Md.---------	1.88	1.85	Sept	1966	--	196.97	.14	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1968	1.9	170.99	.122	* 60	14/7.39	15/1,278	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1969	1	163.72	.117	* 60	3.93	5,133	
5-14	Beautiful Run, Site 4---	Beautiful Run----------	Madison, Va.----------	.48	.47	June	1966	--	84.55	.22	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1971	5.0	83.95	.22	* 60	.26	336	
5-15	E. Fork, Falling R., Site 7	Mulberry Creek---------	Appomattox, Va.--------	5.14	5.03	July	1958	--	1,157.31	.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1971	12.7	1,146.26	.4	* 60	.17	226	
5-16	E. Fork, Falling R., Site 5	Caldwell's Creek-------	-----do----------	3.64	3.54	Aug.	1956	--	841.82	.41	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1971	14.6	834.68	.41	* 60	.14	181	
5-17	Lower North R., Site 80-	Union Springs Run------	Briery Branch, Va.-----	5.19	5.12	June	1967	--	1,002.29	.24	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1972	5	1,000.95	.24	* 60	.05	68	

1/ Includes estimated 112 acre-feet passing through Shandaken Tunnel.
2/ Includes 103 acre-feet of sediment dredged in 1937-1939.
3/ Partial survey covering segments 1-14 in Stoney Brook Arm Only.
4/ Net sediment contributing area was 299.4 sq. mi. until 1933 when Prettyboy Dam was completed. This area was used in the 1943 calculations.
5/ Revised after 1961 survey.
6/ Not determined - assumed equal to that determined in 1963.
7/ Based on original spillway crest elevation 205 feet m. s. l.
8/ Based on spillway crest elevation 210 feet m. s. l. and estimated capacity of 2,380 acre-feet resulting from 1942 addition to top of dam.
9/ Revised 1968.
10/ 9 acre-feet gained by dredging.
11/ Revised due to movable control gates.
12/ Koon Lake, upstream, was built in 1932.
13/ Based on total sediment in both Gordon Lake and Koon Lake.
14/ Does not include 4.34 acre-feet dredged.
15/ Includes 4.34 acre-feet dredged in early spring 1968.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			POTOMAC, RAPPAHANNOCK, YORK, AND JAMES RIVER BASINS (CONTINUED)										
5-18	Mountain Run, Site 11	Trib. of Mountain Run	Culpeper, Va.	5.86	5.62	June 1959	--	1,850.7	.49	--	--	--	SCS
	do	do	do	--	--	May 1971	11.8	1,840.1	.49	* 60	.16	209	
5-19	Pohick Creek #7	Unknown	Fairfax, Va.	.66	.62	May 1970	--	334.61	.679	--	--	--	SCS
	do	do	do	--	--	Aug. 1975	5.4	323.63	.669	64.35	1.49	2,093	
5-20	Rock Creek, Site #5	Rock Creek	Rockville, Md.	12.77	12.48	Aug. 1966	--	1/586.38	--	--	--	--	SCS
	do	do	do	--	--	Sept 1968	2	529.24	--	* 70	2.29	3,490	
	do	do	do	--	--	May 1972	3.75	2/531.07	--	70.5	2/1.18	2/825	
5-21	South River Site 3	Poor Creek	Greenville, Va.	3.12	3.05	Sept 1958	--	621.2	.29	--	--	--	SCS
	do	do	do	--	--	Sept 1972	14	616.7	.29	* 60	.11	139	
5-22	South River Site 4	Pine Run	do	3.28	3.24	July 1959	--	641.42	.26	--	--	--	SCS
	do	do	do	--	--	June 1971	11.9	640.63	.26	* 60	.02	27	
			CHOWAN, ROANOKE, TAR, NEUSE, AND CAPE FEAR RIVER BASINS										
6-1	Lake Apex	Swift Creek	Apex, N. C.	4	4	-- 1925	--	106	--	--	--	--	SCS
	do	do	do	--	--	June 1941	16	94	--	--	.19	--	
6-2	Franklinton	Sallie Keaney Creek	Franklinton, N. C.	1.13	1.12	Jan. 1925	--	34.7	--	--	--	--	SCS
	do	do	do	--	--	May 1938	13.3	27.3	--	67	.509	743	
6-3	Greensboro (L. Brandt)	Reddy Fork	Greensboro, N. C.	74.1	73.4	Feb. 1923	--	2,870	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1934	11.5	2,610	--	* 60	.308	402	
6-4	High Point	Deep River	High Point, N. C.	62.8	62.3	Jan. 1928	--	4,354	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1934	6.5	4,135	--	50.6	.541	596	
	do	do	do	--	--	Apr. 1938	3.75	4,038	--	--	.416	458	
6-5	Lake Michie	Flat River	Durham, N. C.	167.5	166.7	Apr. 1926	--	12,671	--	--	--	--	SCS
	do	do	do	--	--	Jan. 1935	8.75	12,276	--	--	.271	--	
6-6	Sanford City	Lick Creek	Sanford, N. C.	3.75	3.73	Feb. 1927	--	103	--	--	--	--	SCS
	do	do	do	--	--	June 1941	14.33	95	--	--	.15	--	
6-7	University Lake	Morgan Creek	Chapel Hill, N. C.	30.6	30.3	June 1932	--	1,915	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1935	2.9	1,851	--	--	.728	--	
6-8	Roxboro City Lake	Satterfield Creek	Roxboro, N. C.	7.62	7.52	Apr. 1924	--	531.2	--	--	--	--	SCS
	do	do	do	--	--	June 1941	17.2	460.3	--	--	.548	--	
	do	do	do	--	--	Nov. 1946	5.4	448.4	--	--	3/.342	--	
6-9	Burlington Municipal	Stony Creek	Burlington, N. C.	105.2	105	June 1928	--	1,488	--	--	--	--	SCS
	do	do	do	--	--	May 1938	10	1,325	--	63	.155	213	
	do	do	do	--	--	Sept 1949	11.3	1,202	--	--	.104	143	
6-10a	Walnut Cove	Dan River	Walnut Cove, N. C.	397	397	-- 1924	--	974	.002	--	--	--	CE
	do	do	do	--	--	Apr. 1932	4/9	209	.001	* 43	.214	200	
6-11	John H. Kerr	Roanoke River	South Hill, Va.	7,800	7,391	July 1952	--	2,808,400	.494	--	--	---	CE
	do	do	do	--	--	Dec. 1959	7.4	2,750,349	.484	32.6	1.06	754	
6-12	Philpott	Smith River	Bassett, Va.	212	185.7	Dec. 1951	--	201,500	.966	--	--	--	CE
	do	do	do	--	--	Nov. 1960	8.9	198,000	.949	46.2	2.08	2,103	
6-13	Cherrystone Site #2	Roaring Fork	Chatham, Va.	5.7	5.6	Oct. 1969	--	1,230	.27	--	--	--	SCS
	do	do	do	--	--	Feb. 1974	4.4	1,228.8	.27	67.93	.05	70	
6-14	W. Kerr Scott Reservoir	Yadkin	Wilkesboro, N. C.	348	348	Aug. 1962	--	154,000	.4	--	--	--	CE
	do	do	do	--	--	May 1971	8.8	153,826	.4	--	5/.056	--	
			PEE DEE, SANTEE, AND EDISTO RIVER BASINS										
7-1	Chester	Sandy River	Chester, S. C.	16.05	15.92	Nov. 1926	--	682	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1937	11	585	--	--	.55	--	
7-2	Lancaster	Turkey Quarter Creek	Lancaster, S. C.	9.4	9.34	Feb. 1925	--	242	--	--	--	--	SCS
	do	do	do	--	--	June 1938	13.4	190	--	65.3	.417	593	
7-3a	Spartanburg Municipal	South Pacolet River	Fingerville, S. C.	91.33	90.8	May 1926	--	6/3,506	--	--	--	--	SCS
	do	do	do	--	--	July 1934	8.2	6/3,199	--	--	6/.412	--	
	do	do	do	--	--	Mar. 1947	12.7	6/2,891	--	--	6/.268	--	
	do	do	do	--	--	Oct. 1965	18.6	6/2,593	--	--	6/.176	--	
	do	do	do	--	--	Oct. 1965	18.6	7/3,109	--	--	--	--	
7-4	Appalachie	South Tyger River	Greer, S. C.	63	62.8	-- 1904	--	2,500	--	--	--	--	SCS
	do	do	do	--	--	July 1934	30	1,600	--	--	.48	--	
7-5	Albemarle City Lake	Long Creek	Albemarle, N. C.	33	32.5	Feb. 1924	--	1,070	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1939	15.5	918	--	--	.302	--	
7-6	Cannon Lake	Buffalo Creek	Kannapolis, N. C.	18	17.7	July 1939	--	2,600	--	--	--	--	SCS
	do	do	do	--	--	June 1941	1.9	2,574	--	--	.774	--	
7-7	Lake Concord	Chambers & Rose Branch	do	4.7	4.54	Mar. 1925	--	1,201	--	--	--	--	SCS
	do	do	do	--	--	May 1935	10.2	1,122	--	--	1.71	--	
7-8	Entwhistle No. 3	Hitchcock Creek	Roberdell, N. C.	168	8/18	-- 1892	--	184	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1940	48	163	--	--	.024	--	
7-9	Eury	Little River	Troy, N. C.	269	269	-- 1915	--	1,104	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1940	25	976	--	--	.019	--	

7-10	High Rock	Yadkin River	Salisbury, N. C.	3,930	3,863	Nov. 1927	--	289,432	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1935	7.8	275,516	--	--	.462	--	
7-11	Lake Lee	Richardson Creek	Monroe, N. C.	50.5	50.34	Apr. 1927	--	821	--	--	--	--	SCS
	do	do	do	--	--	June 1938	11.1	652	--	61.8	.302	406	
7-12	Pee Dee Mfg. Co.	Hitchcock Creek	Rockingham, N. C.	176	8/25	-- 1874	--	464	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1940	66	404	--	--	.036	--	
7-13	Salem	Salem Creek	Winston-Salem, N.C.	27.68	27.26	Nov. 1919	--	3,099	--	--	--	--	SCS
	do	do	do	--	--	Sept 1939	19.8	2,860	--	38	.444	367	
7-14	Norwood L. (Tillery)	Pee Dee River	Mt. Gilead, N. C.	4,600	9/431	July 1928	--	136,823	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1940	11.75	133,300	--	--	.696	--	
7-15	Lexington	Leonards Creek	Lexington, N. C.	6.75	6.66	Aug. 1935	--	462	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1940	4.6	441	--	45.5	.692	685	
	do	do	do	--	--	May 1951	11.1	419	--	* 45.5	.299	296	
7-16	Third Creek Site No. 7	Third Creek	Statesville, N. C.	4.84	4.74	Sept 1957	--	961.4	.186	--	--	--	SCS
	do	do	do	--	--	Mar. 1962	4.5	948.5	.184	10/62.2	.61	826	
	do	do	do	--	--	Mar. 1965	3	945.9	.183	10/62.2	.18	244	
	do	do	do	--	--	Apr. 1969	4.1	943.1	.183	10/62.2	.14	190	
7-17	Duncan Creek Site #8	Sand Creek	Clinton, S. C.	1.83	1.77	Jan. 1964	--	430.7	.294	--	--	--	SCS
	do	do	do	--	--	Jan. 1975	10.8	381.6	.261	65.6	2.5	3,572	
			SAVANNAH, OGEECHEE, AND ALTAMAHA RIVER BASINS										
[illegible]	Lake Issaqueena	Six Mile Creek	Clemson, S. C.	14.02	11/13.84	June 1938	--	1,836	--	--	--	--	SCS
	do	do	do	--	12/13.86	Apr. 1941	2.9	1,748	--	49.82	2.22	2,410	
	do	do	do	--	--	Oct. 1949	8.5	1,626	--	50.9	1.03	1,140	
8-2	Lloyd Shoals	Ocmulgee River	Jackson, Ga.	1,414	1,407	Dec. 1910	--	112,538	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1935	24.3	98,578	--	* 60	.408	533	
8-3a	North Fork Broad No. 2	Denman's Creek	Toccoa, Ga.	.96	.94	Jan. 1956	--	13/198	.181	--	--	--	SCS
	do	do	do	--	--	June 1959	3.4	196.2	.179	55.1	.563	676	
	do	do	do	--	--	Apr. 1970	10.8	192.8	.176	55.1	.335	402	
8-4a	North Fork Broad No. 6	Bear Creek	Mize, Ga.	3.62	3.50	July 1956	--	13/780.9	.199	--	--	--	SCS
	do	do	do	--	--	June 1959	2.92	770.6	.197	74.8	1.01	1,645	
	do	do	do	--	--	Apr. 1970	10.8	751.55	.192	74.8	.5	814	
8-5a	North Fork Broad No. 11	Tom's Creek	Eastonollee, Ga.	3.79	3.67	July 1956	--	13/792.4	.193	--	--	--	SCS
	do	do	do	--	--	June 1959	2.9	777.6	.19	73.8	1.39	2,234	
	do	do	do	--	--	Apr. 1970	10.9	763.9	.186	73.8	.34	547	
8-6	North Fork Broad No. 1	North Fork Broad River	Toccoa, Ga.	3.75	3.7	June 1958	--	633.2	.148	--	--	--	SCS
	do	do	do	--	--	Apr. 1970	11.9	624.16	.146	63.2	.205	282	
8-7	North Fork Broad No. 14	Tom's Creek	do	1.2	1.191	Oct. 1954	--	281.1	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1962	7.4	276.8	--	14/68.6	.49	732	
	do	do	do	--	--	Nov. 1964	2.7	272	--	--	1.49	--	
	do	do	do	--	--	Apr. 1969	4.5	267	--	15/66.2	.93	1,341	
8-8	Twelve Mile Cr. Site #12	Rice's Creek	Easley, S. C.	.72	.69	Nov. 1954	--	215.3	.224	--	--	--	SCS
	do	do	do	--	--	Dec. 1974	20.08	205.4	.214	80.6	.71	1,194	
8-9	Twelve Mile Cr. Site #16	do	Pickens, S. C.	8.40	8.16	Nov. 1955	--	2,370.8	.21	--	--	--	SCS
	do	do	do	--	--	Dec. 1974	19.08	2,230.3	.2	69.5	.93	1,408	
			SATILLA, ST. MARYS, ST. JOHNS, AND SUWANNEE RIVER BASINS										
9-													
			SOUTHERN FLORIDA DRAINAGE										
10-													
			APALACHICOLA AND OCHLOCKONEE RIVER BASINS										
11-1	Newnan	Bolton Mill Creek	Newnan, Ga.	1.39	1.34	June 1924	--	384	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1937	13.4	358	--	* 50	1.45	1,580	
	do	do	do	--	--	Feb. 1945	7.3	354	--	--	.41	446	
11-2	Sky Lake	Trib. of Chickamuaga Cr.	Helen, Ga.	2.34	2.31	June 1925	--	218.4	--	--	--	--	SCS
	do	do	do	--	--	May 1956	31	176.6	--	67	.58	846	
11-3a	Sautee Creek Site #13	Bean Creek	Cleveland, Ga.	2.9	2.8	Dec. 1959	--	654.8	.116	--	--	--	SCS
	do	do	do	--	--	Nov. 1970	10.9	535.2	.095	75.8	3.87	6,389	
			CHOCTAWHATCHEE, YELLOW, ESCAMBIA, AND ALABAMA RIVER BASINS										
12-1	Sequoyah	Small Branches	Jasper, Ga.	1.6	1.51	July 1929	--	890	--	--	--	--	SCS
	do	do	do	--	--	July 1939	10	865	--	--	1.66	--	
12-2	White Manganese No. 6	Pettit Creek	Cartersville, Ga.	12.46	16/11	Oct. 1929	--	1,021	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1938	9.2	900	--	63.7	1.2	1,660	
12-3	Lake Auburn	Town Creek (Trib. of)	Auburn, Ala.	1.6	1.6	Feb. 1931	--	102	--	--	--	--	SCS
	do	do	do	--	--	June 1937	6.3	95	--	--	.66	--	

1/ Sediment pool.
2/ Increase in capacity due to construction of pipeline across site 1968-72. Sediment accumulation rates assumed for this period.
3/ Excluding 2.04 acre-feet of sediment dredged from lake in March 1942.
4/ Assume storage depletion occurred in 9 years, see H. D. 65, 75th Congress, 1st. session ("308" report).
5/ Due to inadequacies of 1962 survey, data reflects sediment accumulated to elevation 1040'. Spillway crest elevation is 1075'.
6/ Elevation of dam raised from 775 to 777.1 feet Sept. 1956. Data based on original elevation of 775 feet and original capacity of 3506 acre-feet.
7/ Present storage capacity at elevation 777.1 feet.
8/ Ledbetters' dam upstream.
9/ Narrows upstream.
10/ Average of 39 samples collected in 1962.
11/ In 1940.
12/ In 1949.
13/ Changed on basis of 1970 survey.
14/ Average of 9 samples.
15/ Average of 10 samples.
16/ Drainage area above reservoir No. 3 excluded.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC-FT	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			CHOCTAWATCHEE, YELLOW, ESCAMBIA, AND ALABAMA RIVER BASINS (CONTINUED)										
12-4	Lay	Coosa River	Clanton, Ala.	9,087	9,076.5	Dec. 1913	--	156,525	.014	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1936	22.3	128,520	.012	--	.089	--	
12-5	Lake Purdy	Little Cahaba River	Birmingham, Ala.	41.74	40.22	Sept 1910	--	19,080	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Nov. 1935	25.2	18,594	--	--	.479	--	
12-6	Carroll Lake	Curtis Creek	Carrollton, Ga.	7.45	7.18	Oct. 1948	--	1,448	.182	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1957	8.5	1,325.4	.167	42.5	2	1,851	
12-7	Temple Reservoir	Webster Branch	Temple, Ga.	.63	.61	June 1954	--	65.5	.097	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1957	3	60.5	.09	44.2	2.74	2,638	
12-8	High Pine Dam No. 5	Trib. of High Pine	Roanoke, Ala.	1.8	1.55	Mar. 1961	--	389.7	*.163	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1970	9.17	385.3	*.161	1/53.99	.32	376	
			TOMBIGBEE, PASCAGOULA, AND PEARL RIVER BASINS										
13-1	Bayview	Village Creek	Birmingham, Ala.	72.3	71.6	May 1911	--	11,866	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Dec. 1935	24.6	9,514	--	--	1.34	--	
13-2a	Lake Harris	Yellow Creek	Tuscaloosa, Ala.	30	29.8	Feb. 1929	--	2,431	.061	--	--	--	SCS
	-do-	-do-	-do-	--	--	Nov. 1935	6.75	2,373	.059	--	.239	--	
	-do-	-do-	-do-	--	--	Aug. 1953	17.75	2/2,636	.066	59.9	.11	144	
13-3	M. C. Crain Farm Pond #2	Bogue Lusa Creek	Bogalusa, La.	.13	.13	Aug. 1949	--	7.631	.044	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1963	13.5	6.963	.04	--	.377	--	
			LOWER MISSISSIPPI RIVER BASIN (NATCHEZ TO THE MOUTH) Calcasieu, Mermentau, and Vermilion River Basins										
14-													
			LOWER MISSISSIPPI RIVER BASINS (HELENA TO NATCHEZ) Yazoo, Big Black, and Ouachita River Basins										
15-1	Lake Hamilton	Ouachita River	Hot Springs, Ark.	1,421	1,413.4	Dec. 1930	--	156,345	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1950	19.4	153,279	--	* 50	.11	120	
15-2	Lake Winona	Alum Fork Saline River	Little Rock, Ark.	43	41.3	Oct. 1937	--	34,533	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1950	12.6	34,340	--	* 50	.37	403	
15-3	O. P. White Pond	Trib. of Chewalla Creek	Holly Springs, Miss.	.0097	.0089	Oct. 1947	--	1.46	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Jan. 1951	3.3	1.07	--	63.65	13.1	18,200	
15-4	B. H. Honnesucker Pond	Trib. of Coldwater R.	Slayden, Miss.	.0625	.0597	Jan. 1947	--	12	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Jan. 1951	4	8.85	--	60.[illegible]	15.[illegible]	[illegible],[illegible]	
15-5	C. S. Hurdle Pond	-do-	-do-	.244	.234	Dec. 1946	--	36.4	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Jan. 1951	4.1	29	--	62.9	7.78	10,700	
15-6	Agnes Jones Pond	-do-	Holly Springs, Miss.	.0478	.0451	Oct. 1946	--	8.8	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Jan. 1951	4.3	6.4	--	67.27	12.4	18,200	
15-7	Lee Johnson Pond	Trib. of Red Banks Cr.	-do-	.0833	.0784	Sept 1948	--	17.8	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Jan. 1951	2.3	14.8	--	76.13	16.6	27,500	
15-8	P. T. McAlexander	Trib. of Coldwater R.	-do-	.0139	.0128	Aug. 1942	--	2.46	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Jan. 1951	8.5	1.11	--	84.24	12.4	22,800	
15-9	Lake Shahkoka	Trib. of Camp Creek	Olive Branch, Miss.	.4153	.3663	Jan. 1934	--	306	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	17	256	--	61.65	8.03	10,800	
15-10	Lake Woodland	-do-	-do-	.5045	.4797	Feb. 1945	--	94	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	6	78.1	--	39.9	5.52	4,800	
15-11	C. L. Patton Pond	Trib. of Red Banks Cr.	Warsaw, Miss.	.1019	.0954	Feb. 1942	--	15.9	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	9	12.1	--	66.8	4.48	6,520	
15-12	G. B. Langston, Jr., Pond	-do-	-do-	.0156	.0116	Feb. 1916	--	12.3	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	35	9.66	--	63.3	6.55	9,040	
15-13	Fletcher Hurdle Pond (N)	Trib. of Byhalia Creek	Victoria, Miss.	.0406	.0389	Feb. 1947	--	4.61	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	4	2.67	--	63	12.5	17,100	
15-14	Fletcher Hurdle Pond (S)	-do-	-do-	.0297	.0279	Feb. 1947	--	5.48	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	4	3.61	--	83.1	16.8	30,400	
15-15	C. C. Stevenson Pond	Trib. of Cuffawa Creek	Holly Springs, Miss.	.0342	.032	Aug. 1948	--	6.47	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	2.7	4.23	--	78.8	26	44,600	
15-16	Gayoso Lake	Trib. of Mississippi R.	Horn Lake, Miss.	.2196	.2047	Feb. 1942	--	58.7	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	9	53	--	51.85	3.13	3,530	
15-17	Ben O. Pettis Pond	Trib. of Toby Tubby Cr.	Oxford, Miss.	.0075	.0067	Feb. 1916	--	1.63	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1951	35	1.07	--	58.72	2.39	3,060	
15-18	C. D. Williams Pond	Trib. of Hudson Creek	-do-	.045	.0418	Mar. 1928	--	9.93	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1951	23	6.7	--	55.72	3.35	4,070	
15-19	R. X. Williams	Trib. of Yocona River	Taylor, Miss.	.0239	.021	Sept 1946	--	4.48	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1951	4.5	2.54	--	47.74	20.5	21,300	
15-20	Henry W. Ramsey Pond	Trib. of Sarter Creek	Oxford, Miss.	.1375	.1289	Jan. 1933	--	31.	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1951	18.2	24.9	--	41.75	2.61	2,370	

15-21	Dr. Bramlett Pond	Trib. of Pumpkin Creek	do	.8672	.8131	Jan. 1937	--	227	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	14.2	214	--	*37	1.12	913	
15-22	A. S. Kyle Pond	Trib. of Tallahatchie R.	Batesville, Miss.	.0456	.0398	Mar. 1945	--	17.4	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	6	16.6	--	52.04	3.14	3,560	
15-23	Ben P. Smith Pond	Trib. of Pigeon Roost Cr.	Holly Springs, Miss.	.0278	.0264	July 1947	--	3.77	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	3.7	3.29	--	67.58	4.89	7,200	
15-24	A. L. Rodman Pond	Trib. of Arkabutla Cr.	Arkabutla, Miss.	.1563	.1458	Sept 1945	--	30.5	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	5.5	29	--	*50	1.95	2,120	
15-25	Charles Dockery Pond	Trib. of Hurricane Cr.	Eudora, Miss.	.0644	.0566	Jan. 1946	--	23	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1951	5.2	22	--	*44	3.6	3,420	
15-26b	Arkabutla Reservoir	Coldwater River	Arkabutla, Miss.	1,000	948	Apr. 1939	--	525,300	.499	--	--	--	CE
	do	do	do	--	--	Dec. 1947	6.33	521,540	.495	*60	.627	819	
	do	do	do	--	--	May 1962	14.42	513,060	.487	*60	.62	810	
15-27b	W. W. Murphy Pond	Trib. of Jones Creek	Holly Springs, Miss.	.208	.2	Nov. 1953	--	61.8	.528	--	--	--	ARS
	do	do	do	--	--	May 1956	2.5	58.26	.498	*90	2.78	1,772	
	do	do	do	--	--	Sept 1959	3.3	56.14	.48	*90	3.21	2,296	
	do	do	do	--	--	Nov. 1963	4.2	53.68	.459	*90	2.95	5,741	
	do	do	do	--	--	Dec. 1975	12.1	49.88	.426	77	1.55	1,683	
15-28b	Powerline Dam	East Goose Creek	Oxford, Miss.	.486	.477	Apr. 1953	--	90.02	--	--	--	--	ARS
	do	do	do	--	--	Oct. 1958	5.5	75.55	--	*70	5.51	8,400	
	do	do	do	--	--	June 1960	1.66	72.48	--	*70	3.88	5,911	
	do	do	do	--	--	Aug. 1962	2.15	71.98	--	*70	3.88	743	
	do	do	do	--	--	Sept 1967	5	71.07	--	*70	.38	582	
	do	do	do	--	--	Jan. 1976	8.4	67.9	--	75	.79	1,292	
15-29b	Andrew Smith Pond	Trib. of Jones Creek	Holly Springs, Miss.	.327	.3	Nov. 1953	--	70.1	.379	--	--	--	ARS
	do	do	do	--	--	May 1956	2.5	65.4	.354	*90	6.27	12,290	
	do	do	do	--	--	Sept 1959	3.3	63.27	.342	*90	2.15	4,217	
	do	do	do	--	--	Nov. 1963	4.1	60.87	.329	*90	1.9	3,734	
	do	do	do	--	--	Dec. 1975	12.1	53.41	.289	79	2.06	2,927	
15-30a	Sardis Reservoir	Little Tallahatchie R.	Sardis, Miss.	1,545	1,454	Mar. 1937	--	1,569,900	.934	--	--	--	CE
	do	do	do	--	--	May 1960	20.6	1,549,336	.922	*60	.687	898	
15-31	Enid Reservoir	Yocona River	Enid, Miss.	560	516	-- 1940	--	660,030	1.073	--	--	--	CE
	do	do	do	--	--	3/-- 1951	--	--	--	--	--	--	
	do	do	do	--	--	May 1961	9.83	657,201	1.068	*60	.558	729	
15-32	Grenada Reservoir	Yalobusha River	Grenada, Miss.	1,320	1,219	-- 1942	--	1,337,400	.969	--	--	--	CE
	do	do	do	--	--	4/July 1953	--	--	--	--	--	--	
	do	do	do	--	--	May 1965	11.83	1,320,020	.957	*60	1.205	1,575	

LOWER MISSISSIPPI RIVER BASIN (CHESTER TO HELENA)
St. Francis River Basin

16-1	Grisham	Lost Creek	Bismark, Mo.	.46	.45	Oct. 1930	--	24.05	*.077	--	--	--	SCS
	do	do	do	--	--	July 1939	8.8	19.56	*.063	75.4	1.133	1,860	
16-2	Mountain Lake	Trib. of Rings Creek	Patterson, Mo.	1.9	1.87	-- 1927	--	87.7	--	--	--	--	SCS
	do	do	do	--	--	July 1939	12	82.9	--	54.8	.213	254	
16-3	Shepherd Mountain	Trib. of Stouts Creek	Ironton, Mo.	3.99	3.96	-- 1929	--	171	--	--	--	--	SCS
	do	do	do	--	--	July 1939	10	158	--	64	.338	471	
16-4	Loch Mary	Brown Creek	Earlington, Ky.	3.81	3.65	-- 1888	--	1,228	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1908	20	1,184	--	*60	.6	784	
16-5	Carbondale	Piles Fork	Carbondale, Ill.	3	2.77	Aug. 1926	--	1,386	--	--	--	--	IWS
	do	do	do	--	--	Sept 1948	22.1	1,193	--	73.9	3.15	5,070	
16-6	Dering Coal Co. Pond	Trib. of Wolf Creek	Eldorado, Ill.	.219	.206	-- 1919	--	89.5	--	--	--	--	IWS
	do	do	do	--	--	Oct. 1949	30	73	--	*76	2.64	4,370	
16-7	Eldorado	Wolf Creek	do	2.23	1.87	Oct. 1920	--	844.4	--	--	--	--	IWS
	do	do	do	--	--	Oct. 1949	29	726.	--	*67	2.18	3,180	
16-8	West Frankfort	Tilley Creek	West Frankfort, Ill.	4.03	3.75	Aug. 1926	--	5/1,608.4	--	--	--	--	IWS
	do	do	do	--	--	Sept 1936	10.1	1,515.	--	--	2.46	--	
	do	do	do	--	--	July 1949	12.8	1,487.8	--	--	6/.933	--	
16-9	Pineview (Lower)	South Fork Jonaca Creek	Farmington, Mo.	.63	.07	-- 1932	--	8.9	--	--	--	--	SCS
	do	do	do	--	--	-- 1939	7	8.2	--	*60	1.43	1,870	
16-10	Pineview (Middle)	do	do	.56	.06	-- 1930	--	30.9	--	--	--	--	SCS
	do	do	do	--	--	-- 1939	9	29.1	--	*60	3.3	4,310	
16-11	Pineview (Upper)	do	do	.49	.48	-- 1928	--	8.2	*.025	--	--	--	SCS
	do	do	do	--	--	7/-- 1938	10	5.4	*.016	*65	.583	825	
16-12	Killarnay	Big Creek	Annapolis, Mo.	51	51	-- 1910	--	818	--	--	--	--	SCS
	do	do	do	--	--	-- 1939	29	622	--	*60	.133	174	
16-13a	Wappapello	St. Francis River	Poplar Bluff, Mo.	1,310	1,206	8/July 1940	--	625,000	.54	--	--	--	CE
	do	do	do	--	--	July 1947	7	624,651	.539	--	9/.0414	--	
	do	do	do	--	--	Mar. 1964	16.7	613,161	.53	--	.5705	--	
16-14a	Lake Miller	Casey Fork	Mt. Vernon, Ill.	4.65	4.43	Feb. 1944	--	1,746	.613	--	--	--	IWS
	do	do	do	--	--	June 1960	16.3	1,659	.582	34	1.2	888	
16-15	Flucks Lake	Unnamed	Marion, Ill.	.339	.316	-- 1919	--	58.1	.265	--	--	--	IWS
	do	do	do	--	--	-- 1951	32	46.8	.214	56.6	1.11	1,368	
16-16	Baker's Lake	do	do	.26	.25	-- 1937	--	24	.143	--	--	--	IWS
	do	do	do	--	--	Aug. 1951	14	21.7	.129	36.8	.64	512	

1/ Weighted average: Submerged sediment 51.75 lbs/ft.^{3}-aerated assumed 83 lbs/ft.^{3}.
2/ With 5-foot flashboards added in 1947.
3/ Original sediment range surveys.
4/ Used as beginning date of sediment deposits.
5/ Spillway crest raised from 439 to 441.77 ft. m.s.l. in April 1943. All data computed on basis of 441.77 ft. at spillway elevation.
6/ Net sediment volume in 1949 was 120.5 ac.-ft. due to compaction of earlier deposits.
7/ Dam failed spring 1938, survey conducted July 24, 1939.
8/ Original data from topographic survey of 1935-36.
9/ Based on incomplete resurvey; 1963 value of .57 is more reliable.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			LOWER MISSISSIPPI RIVER BASIN (CHESTER TO HELENA) St. Francis River Basin (Continued)										
16-17	Crab Orchard Lake-------	Crab Orchard Creek-----	Carbondale, Ill.----	171	160	May 1940	--	67,320	.611	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	July 1951	11.2	63,894	.58	47.5	1.91	1,976	
16-18	Marion----------	Limb Branch----------	Marion, Ill.--------	6.5	6.31	-- 1921	--	705	.168	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	July 1951	30	590	.141	34.5	.61	458	
16-19	Little Grassy Lake------	Little Grassy----------	Carbondale, Ill.----	15.7	14.2	Mar. 1942	--	25,741	2.543	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	July 1951	9.3	25,365	2.506	38.7	2.85	2,402	
16-20	Herrin Reservoir No. 1--	Unnamed----------	Herrin, Ill.--------	1.78	1.7	-- 1913	--	199	.173	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	38	178	.155	27.5	.32	192	
16-21	Knights of Pythias Lake-	-----do----------	Marion, Ill.--------	.33	.32	Dec. 1925	--	74.6	.35	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1951	25.7	64.7	.304	62.9	1.22	1,671	
16-22a	Lake Ashley----------	Trib. of Muddy River---	Ashley, Ill.--------	1.24	1.22	-- 1941	--	150	.201	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1954	14	148	.184	44.5	.69	692	
16-23	Christopher----------	Trib. of King Creek----	Christopher, Ill.---	.925	.858	-- 1925	--	383.94	.598	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	July 1960	35	353.59	.551	37.1	1.01	816	
16-24	Lake DuQuoin----------	Reese Creek----------	DuQuoin, Ill.-------	10.73	10.35	-- 1937	--	2,003	.316	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	July 1957	20	1,870	.295	38.3	.64	534	
16-25	W. F. Farrell----------	Trib. of Harper Creek--	Mt. Vernon, Ill.----	.519	.512	-- 1945	--	35.56	.103	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	June 1960	15	27.41	.079	51.5	1.06	1,189	
16-26a	ICRR at Thompsonville---	Trib. of Ewing Creek---	Thompsonville, Ill.-	1.799	1.725	-- 1926	--	352.44	.283	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1960	34	300.63	.241	48.7	.88	934	
16-27	Lake Johnston City------	Lake Creek----------	Johnston City, Ill.-	3.85	3.75	-- 1922	--	471	.195	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1957	35	394	.163	48.3	.59	620	
16-28	Valier Outing Club------	Andy Creek----------	Valier, Ill.--------	2.47	2.37	-- 1922	--	369	.208	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1957	35	320	.18	41.17	.59	530	
16-29	West Frankfort (New)----	Stevens Creek----------	West Frankfort, Ill.	7.622	7.288	-- 1945	--	2,654.7	.502	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	July 1960	15	2,390.9	.453	35.9	2.41	1,884	
16-30	L. Reel-Em-In (Walker L)	Unnamed----------	Dixon, Ky.----------	2.05	1.96	-- 1948	--	659	.378	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1964	16	515.4	.296	*65	4.6	6,512	
16-31	Rough River FRS No. 1---	Buffalo Creek----------	Kingswood, Ky.-------	2.86	2.85	Nov. 1955	--	617	.238	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	14.64	596.12	.23	56.13	1/.5	1/611	
16-32a	Obion Creek FRS #24-----	Unnamed Trib. Little Cr.	Fancy Farm, Ky.-----	.37	.35	Nov. 1960	--	1/30.35	.088	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1965	5	1/28.8	.083	*80	1/.89	1/1,543	
	-----do----------	-----do----------	-----do----------	--	--	June 1971	5.4	1/26.55	.077	*80	1/1.2	1/2,074	
16-33	Mud River FRS No. 14----	Antioch Creek----------	Sharon Grove, Ky.---	8.59	8.56	Jan. 1964	--	1,379.87	.15	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1970	6.33	1,355.49	.15	75.78	1/.45	1/742	
16-34	Caney Creek MPS #2------	Bennett Fork----------	Caneyville, Ky.-----	5.77	5.65	Nov. 1965	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1970	4.5	1,355.4	.33	77.75	1/1.01	1/1,710	
16-35	Big Reedy FRS #9--------	West Fork----------	Reedyville, Ky.-----	6.76	6.69	June 1964	--	998	.154	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1970	5.8	976.95	.15	77.58	1/.58	1/912	
16-36	Beach Lake----------	Beach River----------	Lexington, Tenn.----	15.74	14.36	Apr. 1964	--	1/11,100	.763	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	8.5	1/10,932	.752	*65	1/1.38	1/1,954	
16-37	Cedar Lake----------	Haley Creek----------	-----do----------	4.37	4.15	Apr. 1964	--	1/ 875	.167	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	8.5	1/ 861	.164	*65	1/.398	1/563	
16-38	Cypress Creek MPS #3----	Dyson Creek----------	Sturgis, Ky.--------	.68	.6	Oct. 1965	--	2/ 494.19	.99	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	June 1971	5.66	2/ 475.1	.95	*69	2/5.58	2/8,391	
16-39	Dogwood Lake----------	Big Creek----------	Darden, Tenn.-------	5.04	4.34	Oct. 1967	--	1/5,514	1.24	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	5	1/5,463	1.23	*65	1/2.35	1/3,327	
16-40	Lost Creek Detention Dam	Lost Creek----------	Lexington, Tenn.----	4.29	4.29	Apr. 1964	--	859	--	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	8.5	832	--	65.4	.741	1,049	
16-41	Pin Oak Lake----------	Browns Creek----------	Chesterfield, Tenn.-	11.52	10.49	Apr. 1965	--	1/9,400	.777	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	7.5	1/9,360	.774	*65	1/.534	1/756	
16-42	Pine Lake----------	Pine Creek----------	Lexington, Tenn.----	7.60	6.86	Apr. 1965	--	1/5,030	.801	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	7.5	1/5,010	.798	*65	1/.389	1/551	
16-43	Red Bud Lake----------	Dry Creek----------	Chesterfield, Tenn.-	2.77	2.44	Oct. 1967	--	1/2,462	.957	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	5	1/2,430	.945	*75	1/2.62	1/3,709	
16-44	Sycamore Lake----------	-----do----------	Lexington, Tenn.----	2.8	2.45	Apr. 1965	--	1/2,015	.823	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	7.5	1/1,969	.805	*65	1/2.5	1/3,539	
			OHIO RIVER BASIN (MADISON TO UNIONTOWN) Wabash River Basin										
17-1	Huntingburg (Upper)-----	Trib. of Patoka River--	Huntingburg, Ind.---	.67	.63	July 1894	--	137	*.264	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1940	46.3	119	*.229	*40	.617	538	
17-2a	Oakland City #2--------	S. Fork Patoka River---	Oakland City, Ind.--	.52	.4	-- 1921	--	3/850.8	*2.116	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1940	19	3/835.8	*2.079	*40	1.937	1,720	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1965	24.9	811	*2.017	70	2.490	3,796	

17-3	Shafer Lake	Tippecanoe River	Monticello, Ind.	1,700	1,698	June 1923	--	14,722	*.016	--	--	--	SCS
	do	do	do	--	--	Aug. 1940	17.2	14,041	*.016	*75	.023	38	
17-4	Spring Mill	Mill Creek	Mitchell, Ind.	15.03	4/5.29	Oct. 1938	--	178	--	--	--	--	SCS
	do	do	do	--	--	Sept 1948	9.9	127	--	*67	.975	1,420	
17-5	Greendale Lake	Connor's Branch	Xenia, Ill.	25.1	25	Aug. 1927	--	306	*.023	--	--	--	SCS
	do	do	do	--	--	Sept 1940	13.1	260	*.02	*70	.14	213	
17-6	Ridge Lake	Trib. of Embarrass R.	Charleston, Ill.	1.41	1.38	Apr. 1941	--	187.4	--	--	--	--	IWS
	do	do	do	--	--	Sept 1947	6.4	171.9	--	72.4	1.75	2,760	
17-7	Vermilion Lake	N. Fork Vermilion R.	Danville, Ill.	267	266	June 1915	--	5/8,643	*.061	--	--	--	SCS
	do	do	do	--	--	Oct. 1940	25.3	7,438	*.052	*70	.179	273	
17-8	Brown Park Lake	Trib. of Raccoon Creek	Flora, Ill.	1.34	1.33	-- 1938	--	49.08	.057	--	--	--	IWS
	do	do	do	--	--	June 1959	21	37.75	.044	58.6	.4	510	
17-9	Craig & Davidson's Lake	do	Martinsville, Ill.	.465	.427	-- 1947	--	187.75	.631	--	--	--	IWS
	do	do	do	--	--	June 1959	12	175.18	.588	33.14	2.46	1,775	
17-10	Farina Lake	None	Laclede, Ill.	.538	.531	-- 1928	--	16.4	.057	--	--	--	IWS
	do	do	do	--	--	Aug. 1958	30	13.3	.046	61.94	.19	256	
17-11	Graham Lake	Trib. of Veale Creek	Washington, Ind.	.34	.31	Aug. 1950	--	104.8	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1956	6	104.4	--	--	.218	--	
17-12a	ICRR at Bluford	Fourmile Creek	Bluford, Ill.	3.353	3.199	-- 1926	--	670.7	.3	--	--	--	IWS
	do	do	do	--	--	June 1960	34	609.7	.273	43.5	.565	493	
17-13	Jones Pond	Trib. of Flat Creek	Otwell, Ind.	.034	.031	Oct. 1954	--	10.7	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1956	1.5	10.6	--	--	2.1	--	
17-14a	Olney Reservoir (New)	Trib. of East Fork	Olney, Ill.	3.36	3.15	Sept 1954	--	1,555.3	.723	--	--	--	IWS
	do	do	do	--	--	Aug. 1960	6.9	1,517.4	.706	30.3	1.7	1,460	
17-15	Patterson Lake	Trib. of Dismal Creek	Edgewood, Ill.	.959	.912	-- 1926	--	316.75	.516	--	--	--	IWS
	do	do	do	--	--	July 1959	33	281.09	.458	48.54	1.18	1,247	
17-16b	Plum Creek No. 15	Little Plum Creek	Taylorsville, Ky.	1.03	.99	Sept 1956	--	1/61.6	.07	--	--	--	SCS
	do	do	do	--	--	Apr. 1959	2.5	1/56.8	.06	45	1/1.94	1/1,901	
	do	do	do	--	--	Oct. 1960	1.5	1/50.5	.06	53	1/4.24	1/5,460	
	do	do	do	--	--	Mar. 1975	14.4	1/41.3	.05	86.4	1/.65	1/850	
17-17a	Plum Creek No. 17	Trib. of Little Plum Cr.	do	.56	.55	Dec. 1956	--	126.3	.26	--	--	--	SCS
	do	do	do	--	--	Apr. 1959	2.33	123.7	.25	56	2.01	2,452	
	do	do	do	--	--	Oct. 1960	1.5	121.2	.25	47	3	2,581	
	do	do	do	--	--	Mar. 1975	14.42	117.4	.24	53	.47	633	
17-18	Steiner Lake	Trib. of Pond Creek	Fairfield, Ill.	.308	.295	-- 1945	--	53.68	.261	--	--	--	IWS
	do	do	do	--	--	June 1960	15	48.62	.237	41.3	1.15	1,034	
17-19	Stevenson's Lake	Trib. of Kettering Br.	Martinsville, Ill.	.342	.327	-- 1950	--	52.11	.238	--	--	--	IWS
	do	do	do	--	--	June 1959	9	46.5	.212	48	1.89	1,975	
17-20	Vevay Park Lake	Trib. of Range Creek	Greenup, Ill.	.294	.278	-- 1906	--	67.41	.391	--	--	--	IWS
	do	do	do	--	--	June 1959	53	54.5	.316	47.61	.87	902	
17-21	Beaver Lake	Beaver Creek	Dubois, Ind.	3.95	3.56	Oct. 1955	--	2,486	*.787	--	--	--	SCS
	do	do	do	--	--	Oct. 1964	9	2,409.8	*.763	55	2.38	2,851	
17-22	Scottsburg Lake	Trib. of Muscatatuck	Scottsburg, Ind.	2.98	2.98	Fall 1949	--	749.02	*.294	--	--	--	SCS
	do	do	do	--	--	Oct. 1961	12	713.24	*.28	60.8	1	1,324	
17-23	Cagles Mill (Cataract L.)	Mill Creek	Cloverdale, Ind.	295	287	Dec. 1952	--	6/232,370	1.123	--	--	--	CE
	do	do	do	--	--	Feb. 1962	9.17	230,906	1.116	62.8	.54	739	
17-24	Lake Charleston	Embarrass	Charleston, Ill.	811	811	-- 1947	--	2,280	--	--	--	--	IWS
	do	do	do	--	--	-- 1960	13	1,395	.003	--	.084	108	
	do	do	do	--	--	-- 1974	14	865	.002	59.3	.047	61	
17-25	Lake Salinda	Hoggatt Br. (Blue R.)	Salem, Ind.	5.7	5.525	Jan. 1949	--	1,015.2	.209	--	--	--	SCS
	do	do	do	--	--	Apr. 1971	22.2	890.6	.183	57.8	1.02	1,279	
17-26	Upper Wabash Site #1	Wabash River	New Weston, Ohio	13.07	12.83	June 1964	--	1,550.4	.24	--	--	--	SCS
	do	do	do	--	--	Aug. 1971	7.2	1,522.1	.24	55.9	.31	373	
17-27	Upper Wabash Site #2	Trib. Wabash River	Burketsville, Ohio	1.12	1.07	Oct. 1963	--	123	.22	--	--	--	SCS
	do	do	do	--	--	Mar. 1972	8.3	115.5	.21	*80	.84	1,467	

TENNESSEE RIVER BASIN (BELOW HALES BAR DAM)
Cumberland and Green River Basins

18-1	Radnor Lake	Other Creek	Nashville, Tenn.	2.1	2	Mar. 1915	--	1,313	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1940	25.7	1,279	--	--	.66	--	
18-2a	Lake Tandy	Little River	Hopkinsville, Ky.	6.1	6	-- 1907	--	769	.135	--	--	--	SCS
	do	do	do	--	--	Jan. 1941	34	564	.099	43	1	936	
	do	do	do	--	--	June 1959	18.5	509	.089	43	.495	463	
18-3c	Great Falls	Caney Fork River	Rock Island, Tenn.	1,675	1,671	Sept 1935	--	54,925	.024	--	--	--	TVA
	do	do	do	--	--	Aug. 1947	12	52,370	.023	*70	.127	166	
	do	do	do	--	--	Jan. 1954	6.4	51,836	.023	*60	.05	65	
	do	do	do	--	--	Sept 1960	6.6	51,591	.022	*60	.022	29	
	do	do	do	--	--	Nov. 1969	9.2	51,281	.023	*60	.02	26	
18-4c	Guntersville	Tennessee River	Guntersville, Ala.	24,450	2,550	Nov. 1940	--	1,097,380	--	--	--	--	TVA
	do	do	do	--	--	June 1947	6.6	1,080,897	--	*55	.979	1,175	
	do	do	do	--	--	May 1956	8.9	1,073,164	--	*55	.341	408	
	do	do	do	--	--	July 1961	5.1	1,064,228	--	*55	.687	823	
18-5c	Wheeler	do	Town Creek, Ala.	29,590	7/5,033	Oct. 1936	--	8/1,122,000	--	--	--	--	TVA
	do	do	do	--	--	June 1947	10.7	8/1,071,717	--	*55	7/--	7/--	
	do	do	do	--	--	May 1953	6	9/1,061,411	--	*55	.341	408	
	do	do	do	--	--	June 1956	3	1,061,005	--	*55	.027	32	
	do	do	do	--	--	Aug. 1961	5.1	1,050,303	--	*55	.417	500	

1/ Sediment or conservation pool only.
2/ Multiple-use pool.
3/ Items are based on corrected instrument surveys of shore line and range locations as used in the 1965 survey.
4/ The noncontributing drainage area is chiefly closed or plugged limestone sinkholes.
5/ In July 1925. In June 1915, spillway elevation was 5 feet lower and capacity was 1,226 ac.-ft.
6/ Revised from 228,120 to 232,370 ac.-ft.
7/ Guntersville Dam closed Jan. 19, 1939, reducing sediment contributing area to 5,033 sq. mi.
8/ Multiple-use capacity excluding dikes areas.
9/ 1953 survey revised.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			TENNESSEE RIVER BASIN (BELOW HALES BAR DAM) Cumberland and Green River Basins (Continued)										
18-6c	Wilson	Tennessee River	Florence, Ala.	30,750	1,135	Dec. 1928	--	687,000	--	--	--	--	TVA
	do	do	do	--	--	Dec. 1931	3	674,000	--	*53	1/.479	552	
	do	do	do	--	--	Dec. 1936	5	652,000	--	*53	1/.49	565	
	do	do	do	--	--	Sept 1946	9.8	651,000	--	*53	2/.12	138	
	do	do	do	--	--	June 1951	4.7	650,000	--	*53	2/.12	138	
	do	do	do	--	--	June 1956	5	648,000	--	*53	2/.401	462	
	do	do	do	--	--	Aug. 1961	5.1	641,000	--	*53	2/1.274	1,471	
18-7c	Pickwick Landing	do	Pickwick, Tenn.	32,820	1,997	Feb. 1938	--	1,130,313	--	--	--	--	TVA
	do	do	do	--	--	Sept 1946	8.6	1,116,389	--	*53	.811	936	
	do	do	do	--	--	June 1951	4.7	1,118,082	--	*53	3/-.18	--	
	do	do	do	--	--	June 1956	5.1	1,116,811	--	*53	.125	144	
	do	do	do	--	--	Aug. 1961	5.2	1,105,256	--	*53	1.113	1,285	
18-8c	Kentucky	do	Gilbertsville, Ky.	40,200	7,131	Aug. 1946	--	4/2,879,549	--	--	--	--	TVA
	do	do	do	--	--	May 1951	4.7	4/2,855,440	--	*53	.719	830	
	do	do	do	--	--	July 1956	5.2	4/2,814,388	--	*53	1.107	1,278	
	do	do	do	--	--	Oct. 1961	5.2	4/2,790,855	--	*53	.635	733	
18-9	Dale Hollow	Obey River	Celina, Tenn.	935	887	Apr. 1943	--	1,706,000	1.533	--	--	--	CE
	do	do	do	--	--	June 1960	17.2	--	--	--	--	--	
18-10	Old Hickory	Cumberland River	Old Hickory, Tenn.	5/11,674	2,741	June 1954	--	467,000	--	--	--	--	CE
	do	do	do	--	--	June 1965	11	453,703	--	--	.441	--	
18-11	Wolf Cr. (L. Cumberland)	do	Jamestown, Ky.	5,789	5,690	Aug. 1950	--	6,089,000	.912	--	--	--	CE
	do	do	do	--	--	June 1963	12.83	--	--	--	--	--	
18-12	Rough River Reservoir	Rough River	Falls of Rough, Ky.	454	437.56	Dec. 1959	--	332,940	.866	--	--	--	CE
	do	do	do	--	--	July 1969	9.75	329,670	.857	70.27	.765	1,170	
18-13a	Upper Green R. #5 (Pilot)	South Fork	Stanford, Ky.	1.44	1.41	Sept 1955	--	320.71	.22	--	--	--	SCS
	do	do	do	--	--	Apr. 1966	10.5	316.59	.22	59.9	6/.28	6/364	
	do	do	do	--	--	June 1971	5.16	307.16	.21	--	6/1.3	6/1,670	
18-14	East Fork Pond R. #5A	Buck Creek	Hopkinsville, Ky.	21.08	20.58	Apr. 1970	--	5,504.65	.29	--	--	--	SCS
	do	do	do	--	--	Apr. 1975	5	5,483.13	.29	*60	.21	273	
			OHIO RIVER BASIN (POINT PLEASANT TO MADISON) Kanawha, Big Sandy, Licking, Kentucky, Scioto, and Miami River Basins										
19-1	Lake Placid	Unnamed	Lancaster, Ky.	.2	.2	Oct. 1902	--	114	--	--	--	--	SCS
	do	do	do	--	--	Sept 1941	38.9	95	--	--	7/2.5	--	
19-2	Radford	Little River	Radford, Va.	329	329	Aug. 1934	--	1,646	--	--	--	--	SCS
	do	do	do	--	--	July 1944	10	1,018	--	*70	.191	291	
19-3	Englewood	Stillwater	Dayton, Ohio	651	639	--	1927 8/--	312,000	*.81	--	--	--	SCS
	do	do	do	--	--	--	1942 15	311,048	*.809	77.5	.037	63	
19-4	Germantown	Twin Creek	Germantown, Ohio	270	264	--	1927 8/--	106,000	*.554	--	--	--	SCS
	do	do	do	--	--	--	1942 15	105,618	*.552	79.5	.097	168	
19-5b	Griggs	Scioto River	Columbus, Ohio	1,053	1,052	--	1905 --	4,563	.008	--	--	--	ODW
	do	do	do	--	--	--	1935 30	3,920	.007	*65	.02	28	
	do	do	do	--	--	--	1951 16	3,928	.007	59.4	--	--	
	do	do	do	--	--	--	1964 13	3,737	.007	--	.014	--	
19-6	Ohio Cons. Pond No. 73	Blacklick Creek	do	24	24	Nov. 1936	--	4.68	--	--	--	--	SCS
	do	do	do	--	--	June 1939	2.6	2.53	--	--	.035	--	
19-7	Ohio Cons. Pond No. 74	do	do	23	23	Jan. 1937	--	1.04	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1939	2.8	.52	--	--	.008	--	
19-8a	Lake White	Pee Dee Creek	Waverly, Ohio	37.4	36.9	Oct. 1935	--	3,734	--	--	--	--	ODW
	do	do	do	--	--	Dec. 1947	12	3,338	--	--	.894	--	
	do	do	do	--	--	Aug. 1951	4	9/3,706	--	68	1.73	--	
19-9	Herrington Lake	Dix River	Harrodsburg, Ky.	437	431	Oct. 1925	--	258,949	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1941	16	255,706	--	--	.471	--	
19-10	Walton	Bank Lick Creek	Walton, Ky.	.25	.24	--	1931 --	128	--	--	--	--	SCS
	do	do	do	--	--	--	1937 6	122	--	*50	4.46	4,860	
19-11	Williamstown	Grassy Creek	Williamstown, Ky.	.47	.47	--	1930 --	113	--	--	--	--	SCS
	do	do	do	--	--	--	1937 7	106	--	--	2.13	--	
19-12	Byllesby	New River	Byllesby, Va.	1,310	1,310	Aug. 1912	--	8,892	--	--	--	--	SCS
	do	do	do	--	--	May 1936	23.66	3,538	--	--	10/.184	--	
19-13a	O'Shaughnessy	Scioto River	Dublin, Ohio	988	987	Fall 1925	--	11/16,673	*.026	--	--	--	ODW
	do	do	do	--	--	--	1934 12/9	15,604	*.024	*65	.121	171	
	do	do	do	--	--	--	1942 12/8	14,538	*.023	*65	.135	191	
	do	do	do	--	--	July 1951	9	14,162	*.022	44.2	.063	60	
19-14a	Decker Lake	Patterson Run	Piqua, Ohio	2.33	2.3	--	1940 --	115	*.084	--	--	--	ODW
	do	do	do	--	--	June 1950	10	94	*.069	51.91	.913	1,032	

19-15b	Madison Lake	Deer Creek	London, Ohio	57.2	57	--	1946	--	594	--	--	--	--	--	ODW
	do	do	do	--	--	June	1949	2.6	530.2	--	49	.43	459		
	do	do	do	--	--	June	1951	2	511	--	45.9	.17	170		
	do	do	do	--	--	June	1954	3	486.7	--	49.9	.14	152		
19-16b	Grant Lake	Sterling Run	Mt. Orab, Ohio	25.25	24.97	Dec.	1948	--	1,140	.0564	--	--	--	--	ODW
	do	do	do	--	--	July	1950	1.6	1,111	.055	86.6	.721	1,360		
	do	do	do	--	--	Sept	1957	7	1,068	.0529	--	.247	--		
	do	do	do	--	--	Aug.	1962	5	1,027	.0508	--	.324	--		
	do	do	do	--	--	July	1971	9	965	.0478	--	.274	--		
19-17	Caldwell Lake	Trib. of Stoney Creek	Waverly, Ohio	1.02	1	--	1937	--	88	*.124	--	--	--	--	ODW
	do	do	do	--	--	Sept	1949	12	85	*.12	*60	.253	331		
19-18	Stewart Lake	do	Chillicothe, Ohio	.31	.3	--	1939	--	74	--	--	--	--	--	ODW
	do	do	do	--	--	Sept	1951	12.3	71	--	*60	.87	1,137		
19-19	Pine Lake	Tar Hollow Creek	Gillespieville, O.	2.42	2.4	Fall	1938	--	134	.073	--	--	--	--	ODW
	do	do	do	--	--	Aug.	1950	11.7	123	.067	68.95	.396	595		
19-20c	Kiser Lake	Mosquito Creek	St. Paris, Ohio	8.73	8.15	Jan.	1940	--	3,215	.575	--	--	--	--	ODW
	do	do	do	--	--	Jan.	1950	10.5	3,010	.539	*50	2.4	2,610		
	do	do	do	--	--	July	1954	4	2,929	.524	39.7	2.48	2,144		
	do	do	do	--	--	June	1962	8	2,867	.513	--	.95	--		
19-21	Eversole Run (Trib. arm of O'Shaughnessy Res.)	Eversole Run	Dublin, Ohio	13.8	13.7	--	1925	--	384	--	--	--	--	--	ODW
	do	do	do	--	--	--	1951	26	295	--	55.5	.25	302		
19-22	Allen Lake	Trib. of Silver Creek	Kenton, Ohio	.5	.5	--	1938	--	12	*.043	--	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	13	10	*.036	52.6	.26	298		
19-23	Sylvan Lake (Lower)	Trib. of Beaver Creek	Vienna, Ohio	1.85	1.39	--	1947	--	275	--	--	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	3.8	261	--	44.8	2.73	2,664		
19-24	Sylvan Lake (Upper)	do	do	.4	.38	--	1948	--	63	--	--	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	2.8	59	--	*45	3.53	3,460		
19-25	Hosterman Lake	Trib. of Mad River	Springfield, Ohio	1.59	1.58	Nov.	1938	--	83	--	--	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	12.7	75	--	66.2	.38	548		
19-26	Reynolds Pond	Trib. of Barren Creek	Bidwell, Ohio	.7	.7	--	1940	--	18	*.034	--	--	--	--	ODW
	do	do	do	--	--	Aug.	1950	10	15	*.029	57.4	.441	551		
19-27	Mt. Gilead Lake (Upper)	Sams Creek	Mt. Gilead, Ohio	8.55	13/5.5	--	1930	--	28	*.006	--	--	--	--	ODW
	do	do	do	--	--	Oct.	1948	18	24	*.005	*60	.039	51		
19-28	Schott Pond	Trib. of Big Walnut Cr.	Westerville, Ohio	.82	.82	--	1921	--	7.3	--	--	--	--	--	ODW
	do	do	do	--	--	Aug.	1951	30	4.8	--	57.1	.1	124		
19-29a	Lake Alma	Unnamed	Wellston, Ohio	.81	.7	--	1901	--	774	--	--	--	--	--	ODW
	do	do	do	--	--	Sept	1951	50	744	--	55.5	.84	1,015		
19-30	Maple Grove Lake	Sams Creek	Mt. Gilead, Ohio	3.05	3.04	--	1932	--	28.1	*.014	--	--	--	--	ODW
	do	do	do	--	--	Sept	1949	17	23.9	*.012	83.2	.079	143		
19-31	Pond Lick Lake	Pond Lick Run	Friendship, Ohio	2.54	2.53	--	1938	--	48	*.024	--	--	--	--	ODW
	do	do	do	--	--	July	1950	12.3	39	*.019	58.8	.277	355		
19-32	Wolfden Lake	Wolfden Run	do	.6	.6	--	1936	--	25.4	*.053	--	--	--	--	ODW
	do	do	do	--	--	July	1950	14.3	23.1	*.048	59.92	.272	355		
19-33	Bear Lake	Left Fork Bear Creek	do	.48	.47	--	1935	--	33	*.086	--	--	--	--	ODW
	do	do	do	--	--	July	1950	15.3	32	*.083	67.02	.194	283		
19-34	McBride Lake	Trib. of Pond Run	do	.61	.61	--	1937	--	13	*.027	--	--	--	--	ODW
	do	do	do	--	--	July	1950	13.3	11	*.023	34.01	.225	167		
19-35	Roosevelt Lake	Turkey Creek	do	16.38	15.76	--	1935	--	101	*.088	--	--	--	--	ODW
	do	do	do	--	--	July	1950	15.3	67	*.005	61	.14	186		
19-36a	Adams Lake	Lick Creek	West Union, Ohio	4.45	4.39	Spring	1947	--	318	.087	--	--	--	--	ODW
	do	do	do	--	--	July	1950	3.5	304	.083	53.24	.895	1,038		
	do	do	do	--	--	Aug.	1960	10	277	.076	--	.624	--		
19-37	Vesuvius Lake	Storms Creek	Ironton, Ohio	10.9	10.7	--	1937	--	1,553	.194	--	--	--	--	ODW
	do	do	do	--	--	June	1949	12	1,463	.183	*54	.697	820		
	do	do	do	--	--	July	1952	3	1,463	.183	54	.019	22		
19-38	Pike Lake	Richardson Hollow of Morgan Fork	Bainbridge, Ohio	3.44	3.42	--	1937	--	14/91.4	--	--	--	--	--	ODW
	do	do	do	--	--	Aug.	1950	13	14/86.5	--	40.2	.11	963		
19-39a	Upper Hocking No. 2	Hunters Run	Lancaster, Ohio	1.87	1.815	Apr.	1956	--	810	*.64	--	--	--	--	SCS
	do	do	do	--	--	June	1961	5	804.04	*.63	68.24	.66	976		
	do	do	do	--	--	Aug.	1971	10.2	795.41	.62	59.3	.47	539		
19-40	Jackson Lake	Black Fork River	Oak Hill, Ohio	18.8	18.4	--	1940	--	*1,700	--	--	--	--	--	ODW
	do	do	do	--	--	--	1951	11	*1,590	--	*60	.54	705		
19-41	Loramie Lake	Loramie Creek	Ft. Loramie, Ohio	78.7	77.4	--	1840	--	4,115	.099	--	--	--	--	ODW
	do	do	do	--	--	--	1960	120	3,115	.075	*65	.11	156		
19-42a	Sharon Woods Reservoir	Sharon Creek	Sharonville, Ohio	4.88	4.82	--	1939	--	289	--	--	--	--	--	ODW
	do	do	do	--	--	--	1942	2.3	274	--	*70	1.27	1,936		
	do	do	do	--	--	--	1945	3.6	232	--	*70	2.44	3,720		
	do	do	do	--	--	--	1949	4	206	--	*70	1.38	2,104		
19-43	Cowan Lake	Cowan Creek	Wilmington, Ohio	49.6	48.5	--	1947	--	13,305	.367	--	--	--	--	ODW
	do	do	do	--	--	--	1960	13	12,770	.352	*50	.847	923		
19-44	Hargus Lake	Hargus Creek	Circleville, Ohio	6.6	6.4	--	1956	--	2,926	.671	--	--	--	--	ODW
	do	do	do	--	--	--	1960	4	2,892	.663	*50	1.33	1,450		

1/ Used drainage area below Hales Bar Dam (8,935 sq. mi.).
2/ Sediment contributing area reduced by closing Wheeler Dam, Oct. 3, 1936, to 1,135 sq. mi.
3/ Minus (-) indicates scour (treated as negative sediment).
4/ Multiple-use capacity excluding diked areas.
5/ Uncontrolled drainage area 2,776 sq. mi.
6/ Sediment accumulations below elevation 1045'. Flood Pool Elev. = 1062.
7/ Including 19,000 cu. yd. dredged in 1930.
8/ Year survey ranges were established.
9/ 1951 survey includes several additional ranges. Results of 1947 and 1951 surveys are not directly comparable.

10/ Based on total sediment in Washington Mill, Buck, Byllesby, and Fields Reservoirs; total drainage area 1,320 sq. mi.
11/ Without 3 ft. flashboards added in 1945.
12/ Survey dates: Sept.-Nov. 1934; Sept.-Dec. 1942.
13/ 1932 correction for Maple Grove.
14/ Reservoir partially dredged in March-April 1949. Data on amount of material are unreliable. Actual amounts of sediment probably 10 to 25 percent greater than indicated.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			OHIO RIVER BASIN (POINT PLEASANT TO MADISON) Kanawha, Big Sandy, Licking, Kentucky, Scioto, and Miami River Basins (Continued)										
19-45	Hillsboro	Trib. of Clear Creek	Hillsboro, Ohio	.73	.69	-- 1946	--	279.9	.503	--	--	--	ODW
	do	do	do	--	--	-- 1955	9	271.4	.487	*40	1.36	1,190	
19-46a	Delaware Lake	Olentangy River	Delaware, Ohio	386	384	Mar. 1951	--	1/14,000	--	--	--	--	CE
	do	do	do	--	--	May 1960	9.25	1/13,480	--	*65	.15	208	
	do	do	do	--	--	May 1975	14.99	12,900	--	*65	.1	148	
19-47	W. Fk. Mill Creek Res. (Winton Lake)	W. Fork Mill Creek	Cincinnati, Ohio	29.5	28.6	Dec. 1952	--	2/11,466	.609	--	--	--	CE
	do	do	do	--	--	May 1961	8.42	11,207	.595	71.8	1.08	1,689	
19-48	Brush Creek Reservoir	Brush Creek	Butlerville, Ind.	13.4	13.11	Dec. 1953	--	2,067.4	.183	--	--	--	SCS
	do	do	do	--	--	July 1963	9.6	1,863	.167	48	1.47	1,536	
19-49	Whitewater Lake	Silver Creek	Liberty, Ind.	19.29	19	Sept 1954	--	3,590	*.249	--	--	--	SCS
	do	do	do	--	--	July 1963	8.8	3,415.6	*.237	67.5	1.04	1,529	
19-50	Jisco Lake	Trib. Little Salt Creek	Jackson, Ohio	1.67	1.58	-- 1952	--	1,109	.86	--	--	--	ODW
	do	do	do	--	--	Sept 1968	16	1,092	.846	43.7	.67	638	
	do	do	do	--	--	Aug. 1970	2	1,088	.843	30.7	1.16	2,108	
19-51	Clark Lake	Sinking Creek	Vienna, Ohio	6.88	6.72	Late 1957	--	507.3	.106	--	--	--	ODW
	do	do	do	--	--	Sept 1961	3.8	495.1	.102	--	.675	--	
	do	do	do	--	--	July 1966	7	456.4	.096	--	.612	--	
19-52	Acton Lake	Four Mile Creek	Oxford, Ohio	107.4	106.5	Feb. 1957	--	9,607	.154	--	--	--	ODW
	do	do	do	--	--	Aug. 1961	3/5	9,393	.131	--	.402	--	
19-53	Middle Fork Reservoir	M. Fk. of E. Fk. White Water Reservoir	Richmond, Ind.	48.14	47.87	Jan. 1962	--	3,250	.101	--	--	--	SCS
	do	do	do	--	--	Oct. 1967	5.5	3,040.71	.095	49.6	.79	850	
19-54	Colonial Mine Lake	Lambs Creek	Beulah, Ky.	1.05	1	Fall 1947	--	206.77	.227	--	--	--	SCS
	do	do	do	--	--	May 1967	20	193.93	.214	*70	.642	978	
19-55	"A" Strip Mine Lake	Clear Creek D. A.	Richland, Ky.	.009	.009	-- 1947	--	53	3.68	--	--	--	SCS
	do	do	do	--	--	Nov. 1967	20	49.3	3.42	*80	20.56	35,824	
19-56	Bluestone Lake	New River	Hinton, W. Va.	4,603	4/2,221	July 1949	--	631,000	--	--	--	--	CE
	do	do	do	--	--	May 1965	15.8	625,800	--	*55	.15	180	
19-57	Cowbell Lake-Red Lick WS	Cowbell Creek	Big Hill, Ky.	1.1	1.07	-- 1954	--	511.8	.46	--	--	--	SCS
	do	do	do	--	--	Sept 1974	20	505.5	.45	64	.29	411	
19-58	Fishtrap Lake	Levisa Fork	Millard, Ky.	392	387.8	Oct. 1968	--	5/37,480	.115	--	--	--	CE
	do	do	do	--	--	Mar. 1972	3.42	34,010	.104	*50	2.6	3,115	
	do	do	do	--	--	Jan. 1974	1.85	32,420	.099	60.5	2.22	2,921	
19-59	Fox Creek MPS #4	Sand Lick Creek	Flemingsburg, Ky.	7.31	7.06	Sept 1968	--	5/523	.085	--	--	--	SCS
	do	do	do	--	--	Feb. 1975	6.5	507	.082	60	.34	417	
19-60	Grayson Lake	Little Sandy River	Leon, Ky.	196	193.6	Aug. 1965	--	5/29,400	.177	--	--	--	CE
	do	do	do	--	--	Dec. 1974	9.33	29,000	.174	*60	.22	291	
19-61	Little Kentucky R. #4	Trib. of Bartlette	Newcastle, Ky.	2.42	2.35	Mar. 1964	--	424.42	1.3	--	--	--	SCS
	do	do	do	--	--	Mar. 1975	11	405.24	1.23	53.5	.73	846	
19-62	Sutton Lake	Elk River	Sutton, W. Va.	537	530.9	Feb. 1960	--	265,270	.34	--	--	--	CE
	do	do	do	--	--	Jan. 1973	12.91	264,640	.34	*60	6/.16	6/209	
			TENNESSEE RIVER BASIN (ABOVE HALES BAR DAM)										
20-1b	South Holston	S. Fork Holston River	Bristol, Tenn.	703	691	Nov. 1950	--	5/661,888	.905	--	--	--	TVA
	do	do	do	--	--	June 1958	7.6	660,581	.903	*55	.249	298	
	do	do	do	--	--	Aug. 1964	6.2	657,963	.9	*55	.611	732	
20-2b	Watauga	Watauga River	Hampton, Tenn.	468	458	Dec. 1948	--	5/572,600	1.159	--	--	--	TVA
	do	do	do	--	--	Mar. 1953	4.3	571,402	1.156	*55	.609	730	
	do	do	do	--	--	Apr. 1958	5	570,100	1.154	*55	.568	680	
	do	do	do	--	--	Aug. 1964	6.4	568,839	1.151	*55	.43	515	
20-3b	Boone	S. Fork Holston River	Kingsport, Tenn.	1,840	662	Dec. 1952	--	196,668	--	--	--	--	TVA
	do	do	do	--	--	June 1958	5.5	195,633	--	*55	.284	340	
	do	do	do	--	--	Sept 1964	6.3	193,446	--	*55	.52	623	
20-4b	Fort Patrick Henry	do	do	1,903	62	Oct. 1953	--	27,110	--	--	--	--	TVA
	do	do	do	--	--	June 1959	5.6	26,945	--	*55	.468	561	
	do	do	do	--	--	Nov. 1964	5.5	26,941	--	*55	.012	14	
20-5c	Cherokee	Holston River	Jefferson City, TN	3,428	7/1,477	Dec. 1941	--	1,559,570	--	--	--	--	TVA
	do	do	do	--	--	Apr. 1949	7.4	1,550,932	--	*55	.34	407	
	do	do	do	--	--	Apr. 1954	5	1,547,776	--	*55	--	7/--	
	do	do	do	--	--	June 1959	5.1	1,545,960	--	*55	.241	289	
	do	do	do	--	--	June 1964	5	1,543,927	--	*55	.276	331	

20-6d	Nolichucky	Nolichucky River	Greenville, Tenn.	1,183	1,182	Fall 1913	--	8/3,100	--	--	--	--	TVA
	do	do	do	--	--	Fall 1925	12	9/21,750	.017	--	--	--	
	do	do	do	--	--	Feb. 1938	12.5	14,450	.011	50	.252	274	
	do	do	do	--	--	Apr. 1947	9.2	12,010	.009	*50	.224	245	
	do	do	do	--	--	May 1953	6.1	9,850	.008	*50	.299	326	
	do	do	do	--	--	Oct. 1958	5.4	7,760	.006	*50	.327	357	
	do	do	do	--	--	Feb. 1961	2.3	7,470	.006	*50	.107	117	
	do	do	do	--	--	Mar. 1967	6.1	9/3,325	.003	*50	.075	82	
	do	do	do	--	--	Sept 1970	3.5	2,630	.002	*50	.168	183	
20-7c	Douglas	French Broad River	Sevierville, Tenn.	4,541	2,854	Feb. 1943	--	10/1,511,883	.312	--	--	--	TVA
	do	do	do	--	--	July 1949	6.4	1,496,712	.308	*55	.83	994	
	do	do	do	--	--	May 1955	5.8	1,500,870	.309	*55	11/-.251	--	
	do	do	do	--	--	June 1960	5.1	1,489,978	.307	*55	.748	895	
	do	do	do	--	--	Aug. 1967	7.2	1,475,450	.304	*55	.707	847	
20-8c	Fort Loudoun	Tennessee River	Lenoir City, Tenn.	9,550	1,556	Nov. 1946	--	400,945	--	--	--	--	TVA
	do	do	do	--	--	June 1951	4.6	399,414	--	*55	.214	256	
	do	do	do	--	--	Apr. 1956	4.8	398,060	--	*55	.181	217	
	do	do	do	--	--	May 1961	5.1	392,711	--	*55	.674	807	
20-9b	Thorpe	W. Fk. Tuckasegee River	Glenville, N. C.	36.7	34.4	Feb. 1941	--	--	--	--	--	--	TVA
	do	do	do	--	--	Sept 1950	9.6	10/70,700	.888	--	--	--	
	do	do	do	--	--	July 1958	7.8	70,537	.886	*55	.61	731	
	do	do	do	--	--	May 1969	10.9	70,487	.882	*55	.13	160	
20-10b	Nantahala	Nantahala River	Aquone, N. C.	91	88	Sept 1950	--	138,083	.561	--	--	--	TVA
	do	do	do	--	--	July 1958	7.9	137,882	.56	*55	.284	340	
	do	do	do	--	--	May 1969	10.8	137,159	.57	*55	.761	911	
20-11c	Fontana	Little Tennessee River	Fontana, N. C.	1,571	1,426	Nov. 1944	--	10/1,455,062	.543	--	--	--	TVA
	do	do	do	--	--	Mar. 1950	5.4	1,452,385	.534	*55	.348	416	
	do	do	do	--	--	Sept 1954	4.5	1,450,646	.534	*55	.271	324	
	do	do	do	--	--	June 1959	4.7	1,448,311	.533	*55	.349	418	
	do	do	do	--	--	Oct. 1967	8.3	1,443,262	.531	*55	.426	511	
20-12	Cheoah	do	Tapoco, N. C.	1,608	1,607	Dec. 1918	--	12/44,030	.016	--	--	--	TVA
	do	do	do	--	--	Sept 1940	11.8	39,030	.014	*55	.264	316	
	do	do	do	--	--	Aug. 1941	10.9	13/35,030	.013	--	.228	273	
20-13c	Caryville	Cove Creek	Caryville, Tenn.	35.98	35.65	Nov. 1936	--	1,726	--	--	--	--	TVA
	do	do	do	--	--	Nov. 1938	2	1,652	--	62	1.038	1,402	
	do	do	do	--	--	Jan. 1947	8.2	1,580	--	*62	.25	338	
	do	do	do	--	--	Mar. 1954	7.1	1,347	--	*62	.917	1,238	
	do	do	do	--	--	Aug. 1960	6.4	1,290	--	*62	.25	338	
	do	do	do	--	--	July 1970	9.9	1,118	--	*62	.488	658	
	do	do	do	--	--	Aug. 1975	5.1	1,017	--	*62	.555	693	
20-14c	Norris	Clinch River	Norris, Tenn.	2,912	2,823	Mar. 1936	--	10/5/2,061,569	.692	--	--	--	TVA
	do	do	do	--	--	June 1946	10.3	2,052,357	.691	*55	.317	379	
	do	do	do	--	--	June 1954	8	2,047,527	.69	*55	.214	256	
	do	do	do	--	--	Aug. 1960	6.1	2,044,768	.689	*55	.16	191	
	do	do	do	--	--	June 1970	9.8	2,036,324	.684	*55	.305	366	
20-15c	Watts Bar	Tennessee River	Spring City, Tenn.	17,310	2,925	Oct. 1946	--	1,195,229	--	--	--	--	TVA
	do	do	do	--	--	June 1951	4.7	1,193,106	--	*55	.155	186	
	do	do	do	--	--	Apr. 1956	4.8	1,183,735	--	*55	.667	799	
	do	do	do	--	--	June 1961	5.1	1,174,954	--	*55	.589	706	
20-16b	Chatuge	Hiwassee River	Hayesville, N. C.	189	178	Feb. 1942	--	242,325	.705	--	--	--	TVA
	do	do	do	--	--	Aug. 1949	7.5	242,032	.704	*55	.219	262	
	do	do	do	--	--	Aug. 1954	5	241,502	.702	*55	.595	712	
	do	do	do	--	--	Sept 1960	6	240,999	.701	*55	.472	565	
	do	do	do	--	--	Apr. 1965	4.6	240,516	.699	*55	.59	707	
20-17b	Nottely	Nottely River	Blairsville, Ga.	214	207	Jan. 1942	--	10/176,521	.586	--	--	--	TVA
	do	do	do	--	--	Aug. 1949	7.6	175,865	.584	*55	.415	497	
	do	do	do	--	--	Apr. 1955	5.7	174,969	.581	*55	.758	908	
	do	do	do	--	--	May 1961	6	174,429	.579	*55	.435	521	
	do	do	do	--	--	Apr. 1965	4	174,357	.579	*55	.087	104	
20-18b	Hiwassee	Hiwassee River	Murphy, N. C.	968	14/539	Feb. 1940	--	10/439,741	--	--	--	--	TVA
	do	do	do	--	--	Aug. 1947	7.5	436,009	--	*55	14/--	14/ --	
	do	do	do	--	--	May 1953	5.8	435,686	--	*55	.104	125	
	do	do	do	--	--	June 1958	5	434,243	--	*55	.536	642	
	do	do	do	--	--	May 1965	6.9	433,568	--	*55	.182	218	
20-19c	Appalachia	do	Farner, Tenn.	1,018	48	Feb. 1943	--	58,312	--	--	--	--	TVA
	do	do	do	--	--	Aug. 1950	7.5	57,979	--	*55	.938	1,124	
	do	do	do	--	--	Sept 1960	10.1	57,550	--	*55	.883	1,058	
	do	do	do	--	--	May 1965	4.7	57,753	--	*55	11/--	--	
20-20c	Blue Ridge	Toccoa River	Blue Ridge, Ga.	232	227	Apr. 1944	--	197,427	.462	--	--	--	TVA
	do	do	do	--	--	Aug. 1949	5.3	196,080	.454	*55	1.119	1,340	
	do	do	do	--	--	Aug. 1954	5	195,981	.454	*55	.881	1,055	
	do	do	do	--	--	June 1959	4.8	196,522	.455	*55	11/-.438	--	
	do	do	do	--	--	Apr. 1968	8.8	195,908	.454	*55	.308	368	

1/ Capacity at elevation 915'. Flood Pool elevation at 947'. Sediment data pertains to seasonal pool elevation of 915'.
2/ Revised on basis of topographic maps developed for definite project report and sedimentation range data.
3/ 1957 water year included.
4/ Area above Clayton dam, 2382 sq. mi. considered non-contributing.
5/ Multiple-use storage capacity. Reservoir has greater capacity at spillway crest elevation.
6/ Includes an estimated 470 acre-feet of sediment deposited in the original stream channel but not included in area-capacity computations.
7/ Sediment contributing area reduced from 3,381 sq. mi. to 1,477 sq. mi. by closing of Watauga Dam Dec. 1, 1948; South Holston on Nov. 20, 1950; Boone on Dec. 16, 1952; and Fort Patrick Henry on Oct. 27, 1953. Area above Watauga included in 1949 survey as sediment contributing area.
8/ Prior to 1925 dam was 35 ft. lower.
9/ Original volume computed from probings obtained Feb. 1938. Sediment deposits and water inflow computed from dam closure in 1913. Five foot flash boards removed Sept. 1964.
10/ Revised.
11/ Minus (-) indicates scour. Treated as negative sediment.
12/ Computed from probings and available maps.
13/ From first accurate area-volume curves, 1941 conditions.
14/ Nottely Dam closed Jan. 24, 1942. Chatuge Dam closed Feb. 12, 1942.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI OF NET DR AREA FOR PERIOD SHOWN AC FT	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI OF NET DR AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			TENNESSEE RIVER BASIN (ABOVE HALES BAR DAM) (CONTINUED)										
20-21e	Ocoee No. 3----------	Ocoee River----------	Ducktown, Tenn.---	496	263	Aug. 1942	--	14,304	.017	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	July 1945	2.9	12,140	--	*64	1/2.114	1/2,947	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1946	1.3	11,349	--	*64	2.312	3,223	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1948	1.8	10,570	--	64	1.646	2,294	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1950	2	9,843	--	*64	1.373	1,914	
	-----do----------	-----do----------	-----do----------	--	--	July 1953	3	8,906	--	*64	1.46	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1955	2.1	8,042	--	*64	1.183	1,649	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1958	3	6,766	--	*64	1.616	2,253	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	2	5,920	--	*64	1.608	2,242	
	-----do----------	-----do----------	-----do----------	--	--	June 1962	1.8	5,286	--	*64	1.388	1,865	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	3.2	4,653	--	*64	.753	1,050	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1968	2.6	4,026	.005	*64	.916	1,278	
	-----do----------	-----do----------	-----do----------	--	--	June 1972	4.2	3,879	--	*64	.133	1,755	
20-22e	Ocoee No. 1----------	-----do----------	Parksville, Tenn.-	395	2/96	Dec. 1911	--	3/109,200	--	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1940	28.8	4/91,300	--	*64	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	8.9	5/86,737	--	64	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1954	5	87,267	--	*64	6/-1.1	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1959	4.9	86,809	--	*64	.974	1,358	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1968	8.8	85,466	.091	*64	.406	566	
20-23c	Chickamauga----------	Tennessee River--------	Chattanooga, Tenn.	20,790	7/1,805	Nov. 1940	--	746,951	--	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	July 1947	6.7	734,970	--	*60	7/--	7/--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1954	7	745,178	--	*60	8/-.808	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1956	1.8	740,307	--	*60	1.49[illegible]	1,035	
	-----do----------	-----do----------	-----do----------	--	--	June 1961	5.1	738,820	--	*60	.16[illegible]	220	
20-24d	Hales Bar----------	-----do----------	Jasper, Tenn.------	21,790	8/990	Oct. 1935	--	155,483	--	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1940	5	152,928	--	61	9/--	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1947	6.7	152,251	--	*61	.102	135	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1954	7.1	152,992	--	*61	8/-.105	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1956	1.8	153,032	--	*61	8/-.022	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1961	5.1	154,022	--	*61	8/-.192	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1967	6.5	154,012	.0056	--	8/-	--	
20-25	Kanuga Lake----------	Little Mud Creek--------	Hendersonville, N.C.	1.54	1.5	-- 1908	--	9/ 246	.12	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1956	48	190	.093	43.1	.78	732	
20-26	Osceola Lake----------	Shepard Creek----------	-----do----------	4.45	4.39	-- 1929	--	9/ 329	.085	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1956	3	267	.045	45.7	.428	426	
20-27	Melton Hill----------	Clinch River----------	Clinton, Tenn.----	3,343	422	July 1963	--	125,900	.0429	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	May 1970	7	125,578	.0426	*55	.139	131	
20-28a	Upper Ollis Creek Res.--	Ollis Creek----------	LaFollette, Tenn.-	10.8	10.75	Apr. 1964	--	661	.051	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	6.5	649	.05	*62	.166	224	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	.9	649	.05	*62	.052	207	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1972	1.1	638	.049	*62	.305	336	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1973	1.	625	.048	*62	1.219	475	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1974	1.	619	.047	*62	.605	508	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1975	1.	615	.047	*62	.363	506	
20-29	Beaver Cr. Detention Dam	Beaver Creek----------	Bristol, Va.------	13.7	13.7	Dec. 1965	--	5,026	.454	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1971	5.8	5,023	.454	*62	.038	51	
20-30	Clear Creek Lake--------	Clear Creek----------	-----do----------	5.75	5.68	Dec. 1965	--	10/299	.064	--	--	--	TVA
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1971	5.8	294	.063	*62	.152	205	
			OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE										
21-1	Pleasant Hill----------	Clear Fork----------	Perrysville, Ohio-	199	195	Oct. 1938	--	87,700	.676	--	--	--	OE
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1945	6.25	87,424	.674	*65	.227	321	
21-2a	Senecaville----------	Seneca Fork----------	Senecaville, Ohio-	121	113	11/Oct. 1936	--	88,500	.902	--	--	--	OE
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1945	8.3	87,667	.893	*65	.89	1,260	
21-3a	Charles Mill----------	Black Fork, Mohican R.-	Mansfield, Ohio---	216	207	June 1938	--	88,000	*.857	--	--	--	OE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	8.25	85,886	*.641	*65	1.24	1,755	
	-----do----------	-----do----------	-----do----------	--	--	July 1954	7.75	85,483	*.638	*65	.255	358	
21-4	Hinckston Run----------	Hinckston Run----------	Johnstown, Pa.----	10.75	10.57	-- 1905	--	3,453	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1937	32	3,315	--	*60	.408	533	
21-5	Quemahoning----------	Quemahoning Creek------	-----do----------	92	90.7	Jan. 1912	--	35,295	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1937	25.8	34,413	--	--	.377	--	
21-6	Salt Lick----------	Salt Lick Run----------	-----do----------	11.86	11.76	-- 1914	--	2,492	-	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1937	23	2,432	--	*60	.22	287	
21-7a	Bridgeport (Upper)------	Jacobs Creek----------	Mt. Pleasant, Pa.-	12/31.64	12/31.52	Mar. 1887	--	642	.016	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1937	50.6	453	.011	--	12/.118	168	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1964	27	338.5	.006	65.4	.134	191	

21-8	Barberton----------	Wolf Creek----------	Barberton, Ohio---	28.2	28	--	1926	--	2,056	*.101	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec.	1938	12	1,688	*.083	*85	1.1	1,320	
21-9	Buckeye Lake----------	S. Fork Licking River--	Millersport, Ohio-	13/49.2	45.1	--	1832	--	14/19,940	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1939	107	15,790	--	*50	.86	937	
21-10	Leesville----------	McGuire Creek----------	Leesville, Ohio---	48	45.7	Aug.	1936	--	37,400	*1.159	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1939	3.3	37,390	*1.159	*50	.067	73	
21-11	Muskingum College-------	Trib. Muskingum River--	New Concord, Ohio-	.32	.31	--	1915	--	9.41	*.042	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1935	20	7.05	*.031	*70	.381	581	
21-12	Ohio Cons. Pond No. 22--	Trib. of Duck Creek----	Marietta, Ohio----	.05	.05	Oct.	1938	--	4.43	*.116	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1939	1.1	4.21	*.11	*40	4	3,485	
21-13	Ohio Cons. Pond No. 51--	Trib. of Ohio River----	-----do----------	.13	.13	Oct.	1938	--	15.16	*.152	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1939	1.1	15.02	*.151	*40	.977	851	
21-14	Ohio Cons. Pond No. 52--	-----do----------	-----do----------	.17	.16	--	1928	--	17.95	*.138	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1939	11	15.4	*.118	*50	1.45	1,579	
21-15	Robbins Lake----------	Ford Creek----------	Hartford, Ohio----	4.47	4.45	Summer	1922	--	91.6	*.028	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec.	1939	17.4	79.9	*.025	*68	.151	224	
21-16	Gorleys Lake----------	Trib. Youghiogheny R.--	Uniontown, Pa.----	3	2.97	--	1908	--	150	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1939	30	138	--	*60	.135	176	
21-17	Lake Rockwell----------	Cuyahoga River---------	Kent, Ohio--------	205.5	15/124.1	Aug.	1914	--	7,423	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1950	36	6,887	--	46	.12	120	
21-18a	Stony Lake----------	McGuire Creek----------	Perrysville, Ohio-	11.75	11.72	--	1927	--	121	--	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	Dec.	1938	11	80	--	*65	.319	452	
	-----do----------	-----do----------	-----do----------	--	--	May	1949	10.4	61	--	*65	.156	221	
21-19	Tabor Club Lake---------	Small Br. Muskingum R.-	-----do----------	.55	.54	--	1923	--	53.6	*.145	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec.	1938	15	42.4	*.115	*50	16/1.38	1,500	
21-20	Zanesville Nursery Lake-	N. Br. Blount Run------	Zanesville, Ohio--	2.95	2.93	Dec.	1936	--	76.62	*.034	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1941	4.6	72.23	*.032	*65	.326	462	
21-21b	Tionesta Lake----------	Tionesta Creek---------	Tionesta, Pa.------	478	474	Feb.	1941	--	133,400	.21	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept	1949	8.6	132,571	.214	*65	.203	287	
	-----do----------	-----do----------	-----do----------	--	--	May	1971	21.7	132,365	.214	66.3	.02	31	
21-22b	Loyalhanna----------	Loyalhanna Creek-------	Saltsburg, Pa.----	290	285	June	1942	--	17/95,300	.278	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1948	6.33	94,652	.276	*44	.358	343	
	-----do----------	-----do----------	-----do----------	--	--	Sept	1953	4.92	94,192	.275	44	.326	312	
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1962	8.58	93,501	.273	*44	.284	272	
21-23b	Mahoning Creek----------	Mahoning Creek---------	Dayton, Pa.-------	340	336	June	1941	--	18/74,200	.18	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1948	7.2	73,807	.172	*65	.162	229	
	-----do----------	-----do----------	-----do----------	--	--	June	1965	16.8	72,800	.177	43	.178	167	
21-24b	Crooked Creek----------	Crooked Creek----------	Ford City, Pa.----	277	274	Apr.	1940	--	19/93,900	.307	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept	1945	5.4	93,808	.307	*65	.062	87	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1964	18.9	92,376	.302	51	.277	308	
21-25a	Tygart River----------	Tygart River----------	Grafton, W. Va.---	1,184	1,179	Oct.	1937	--	289,600	.175	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	20/Feb.	1945	--	--	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1959	21.5	287,700	.174	*65	.075	106	
21-26b	Youghiogheny River Lake-	Youghiogheny River-----	Confluence, Pa.---	434	428	Oct.	1943	--	254,000	.406	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1949	6	253,121	.405	*65	.341	483	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1973	24	248,065	.398	50.6	.493	516	
21-27a	Atwood Reservoir--------	Indian Fk., Conottou Cr.	Sherrodsville, O.-	70	66.2	Apr.	1940	--	49,700	.994	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Dec.	1946	6.7	49,570	.991	*65	.29	410	
21-28	Babb Pond----------	Unnamed----------	Richfield, Ohio---	.02	.02	--	1932	--	.245	*.019	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1951	19	.189	*.015	*60	.15	196	
21-29	Basom Pond----------	-----do----------	Hudson, Ohio-------	.32	.32	--	1944	--	3.87	*.019	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1951	7	3.24	*.016	*60	.261	337	
21-30	Christener Pond---------	-----do----------	Parma, Ohio-------	.09	.09	--	1940	--	3.4	*.058	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1951	11	2.79	*.048	*60	.611	798	
21-31	Schoenbeck Pond---------	-----do----------	Richfield, Ohio---	.03	.03	--	1940	--	1.48	*.076	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1951	11	1.29	*.066	*60	.567	741	
21-32	Ticky Pond----------	-----do----------	Peninsula, Ohio---	.16	.16	--	1949	--	2.84	*.027	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1951	2	2.81	*.027	*60	.1	131	
21-33b	Lake Hope----------	Sandy Run----------	Zaleski, Ohio-----	9.95	9.75	May	1939	--	1,555	.201	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	July	1949	10.2	1,511	.195	74.8	.442	720	
	-----do----------	-----do----------	-----do----------	--	--	June	1955	5.9	1,481	.191	--	.523	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1969	14.2	1,451	.187	--	.213	--	
21-34b	Jefferson Lake----------	Town Fk. Yellow River--	Richmond, Ohio----	7.52	7.48	Dec.	1935	--	178	.029	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1950	15	156	.025	37.9	.199	164	
	-----do----------	-----do----------	-----do----------	--	--	June	1956	6	134	.022	--	.466	--	
	-----do----------	-----do----------	-----do----------	--	--	June	1961	5	131	.021	--	.078	--	

1/ Does not include 553 ac.-ft. of sediment flushed into reservoir when small upstream dam failed in March 1944.
2/ Blue Ridge Reservoir closed Dec. 6, 1930. Ocoee #3 closed Aug. 15, 1942.
3/ Based on Tenn. Electric Power Co. data adjusted to latest topographic maps.
4/ Volume computed by average end area method from first accurate area-volume curves - 1940 conditions.
5/ Volume computed from contours based on 1949 survey.
6/ Minus (-) indicated scour. Treated as negative sediment.
7/ Sediment contributing area reduced by closing Watts Bar Dam on Jan. 1, 1942, and Appalachia Dam, Feb. 14, 1943.
8/ Norris Dam closed Mar. 4, 1936, and Chickamauga Dam closed Jan. 15, 1940, reducing sediment contributing area to 990 sq. mi.
9/ Determined during 1956 survey.
10/ Conservation pool capacity. Reservoir has greater capacity at spillway crest elevation.
11/ Date storage began. Sediment ranges established and surveyed in Dec. 1937 by Soil Conservation Service, USDA.
12/ Original data revised. 1964 survey data based on corrected elevation and topography from transit survey (1963).
13/ Drainage area has been 115 sq. mi. (net) part of the time in the past, when fed partly by feeder from S. Fork Kirkerville River.
14/ At present spillway elevation (lowered in 1908). From 1836 to 1908, spillway elevation was 893.4, surface area 3,636 acres, and capacity 22,090 ac.-ft. From 1832 to 1836, spillway elevation was lower and surface area was 3,136 acres. Natural lake of 650 acres originally.
15/ East Branch Reservoir and many natural lakes act as efficient sediment traps.
16/ Dam failed earlier in 1938 but little sediment lost.
17/ At elevation 975. Elevation top of gates = 976 ft.
18/ At elevation 1,162. Elevation top of gates = 1,164 ft.
19/ At elevation 920. Spillway crest elevation = 918 ft.
20/ In view of the limited amount of sediment computed in the 1945 report (384 ac.-ft.), the values of the 1945 report are not included and were not used in computing survey data for the 1959 report. It is considered that the longer period (21.5 yr.) was necessary to develop a volume capable of being measured with a reasonable degree of accuracy.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG ANN SEDIMENT ACCUMULATION PER SQ MI OF NET DR AREA FOR PERIOD SHOWN ACRE-FT	AVG ANN SEDIMENT ACCUMULATION PER SQ MI OF NET DR AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE (Continued)													
21-35c	Clouse Lake	Ctr. Br. Rush Creek	Somerset, Ohio	6.7	8.46	-- 1948	--	234	.037	--	--	--	NW
	-----do	-----do	-----do	--	--	-- 1949	2	217	.035	1/55.7	1	2/1,213	
	-----do	-----do	-----do	--	--	-- 1950	1	206	.033	1/50.6	1.27	1,177	
	-----do	-----do	-----do	--	--	-- 1951	1	202	.032	*1/53	.45	693	
	-----do	-----do	-----do	--	--	-- 1952	1	199	.032	1/55.6	.34	609	
	-----do	-----do	-----do	--	--	-- 1953	1	197	.031	1/65.3	.25	1,239	
	-----do	-----do	-----do	--	--	-- 1954	1	193	.031	1/68.2	.41	926	
	-----do	-----do	-----do	--	--	-- 1955	1	192	.031	--	.14	--	
	-----do	-----do	-----do	--	--	-- 1956	1	187	.03	--	.55	--	
	-----do	-----do	-----do	--	--	-- 1957	1	183	.029	--	.47	--	
	-----do	-----do	-----do	--	--	-- 1958	1	177	.028	--	.61	--	
	-----do	-----do	-----do	--	--	-- 1959	1	176	.028	--	.18	--	
	-----do	-----do	-----do	--	--	-- 1961	2	170	.027	--	.37	--	
	-----do	-----do	-----do	--	--	-- 1962	1	166	.026	--	.42	--	
	-----do	-----do	-----do	--	--	-- 1963	1	163	.026	--	.33	--	
	-----do	-----do	-----do	--	--	-- 1964	1	159	.025	--	.45	--	
	-----do	-----do	-----do	--	--	-- 1966	2	150	.024	--	.55	--	
	-----do	-----do	-----do	--	--	-- 1967	1	148	.024	--	.22	--	
	-----do	-----do	-----do	--	--	-- 1968	1	146	.023	--	.236	--	
	-----do	-----do	-----do	--	--	-- 1969	1	145	.023	--	.136	--	
	-----do	-----do	-----do	--	--	-- 1970	1	142	.023	--	.319	--	
21-36	East Branch	E. Br. Cuyahoga River	Burton, Ohio	17.53	16.88	-- 1939	--	4,659	*.34	--	--	--	ODW
	-----do	-----do	-----do	--	--	June 1949	9.7	4,535	*.331	*40	.759	661	
21-37	Westville Lake	Trib. of Mahoning River	Alliance, Ohio	8.36	8.22	-- 1913	--	994	--	--	--	--	ODW
	-----do	-----do	-----do	--	--	Aug. 1950	37	933	--	66	.2	287	
21-38	Berlin	Mahoning River	Berlin Center, O.	249	246	July 1943	--	--	--	--	--	--	CE
	-----do	-----do	-----do	--	--	Nov. 1951	8.4	91,200	.551	*100	1.3	2,630	
21-39a	Mountain Lake	Broad Ford Run	Mt. Lake Park, Md.	7.4	7.4	-- 1880*	--	122.75	--	--	--	--	SCS
	-----do	-----do	-----do	--	--	July 1957	76	77.02	--	--	.081	--	
21-40	Blazor Lake	Trib. of Candy Creek	Minerva, Ohio	.07	.07	-- 1931	--	.15	--	--	--	--	ODW
	-----do	-----do	-----do	--	--	-- 1938	7	0	--	*65	.29	410	
21-41	Braden Lake	-----do	-----do	.12	.12	-- 1930	--	.11	--	--	--	--	ODW
	-----do	-----do	-----do	--	--	-- 1938	8	0	--	65	.08	113	
21-42	Lake Milton	Mahoning River	Milton, Ohio	260	277.4	-- 1916	--	28,100	--	--	--	--	ODW
	-----do	-----do	-----do	--	--	-- 1941	25	22,250	--	*65	.64	1,189	
21-43	Peters Pond	Trib. of Indian Creek	Lancaster, Ohio	.11	.11	-- 1946	--	9.46	--	--	--	--	ODW
	-----do	-----do	-----do	--	--	-- 1954	8	9.11	--	48.1	.36	377	
21-44	Wyandot Lake	Trib. of Clear Creek	Logan, Ohio	.58	.58	-- 1930	--	11.5	--	--	--	--	ODW
	-----do	-----do	-----do	--	--	-- 1948	18	4.65	--	--	.67	--	
21-45	Orchard Park	Pipe Creek	Orchard Park, N.Y.	1.67	--	-- 1928	--	169.99	--	--	--	--	SCS
	-----do	-----do	-----do	--	--	Oct. 1951	23	161.26	--	*60	.23	300	
21-46	Terra Alta Lake	Snowy River	Kingwood, W. Va.	4.70	--	-- 1902	--	144.8	--	--	--	--	SCS
	-----do	-----do	-----do	--	--	June 1952	50	117.2	--	*50	.117	127	
21-47	Centerville Mills Dam	Aurora Br. Chagrin R.	Aurora, Ohio	[illegible]	[illegible]	-- 1955	--	[illegible]	.01	--	--	--	D.
	-----do	-----do	-----do	--	--	-- 1949	34	[illegible]	[illegible]	*65	.0493	69	
21-48	Meander Creek	Meander Creek	Youngstown, Ohio	84.9	91.76	-- 1929	--	32,402	.37	--	--	--	ODW
	-----do	-----do	-----do	--	--	-- 1949	20	31,835	.580	*65	.346	489	
21-49a	Havard Mason	Salem Fork	Salem, W. Va.	.29	.28	Oct. 1954	--	69.58	.265	--	--	--	SCS
	-----do	-----do	-----do	--	--	Oct. 1956	2	68.95	.262	*60	1.13	1,477	
	-----do	-----do	-----do	--	--	Oct. 1958	2	68.77	.261	*60	.32	420	
	-----do	-----do	-----do	--	--	Dec. 1960	2.2	68.6	.261	*60	.28	358	
21-50	Knox Lake	E. Branch Kokosing	Fredericktown, O.	31.4	30.66	Fall 1949	--	3,502	.146	--	--	--	ODW
	-----do	-----do	-----do	--	--	Aug. 1960	7	3,399	.142	--	.48	--	
	-----do	-----do	-----do	--	--	July 1970	10	3,283	.137	--	.378	--	
21-51	Veto Lake	Little Hocking River	Belpre, Ohio	20.04	19.79	May 1954	--	1,111	.0642	--	--	--	ODW
	-----do	-----do	-----do	--	--	July 1955	1.2	1,092	.0631	--	.787	--	
	-----do	-----do	-----do	--	--	July 1965	5	1,059	.0612	--	.341	--	
	-----do	-----do	-----do	--	--	Aug. 1966	6	1,009	.0583	--	.419	--	
21-52	Clear Fork Reservoir	Clear Fork	Lexington, Ohio	33.63	32.05	Oct. 1948	--	13,176	.565	--	--	--	ODW
	-----do	-----do	-----do	--	--	Aug. 1956	8	12,886	.553	--	1.13	--	
	-----do	-----do	-----do	--	--	July 1962	6	12,731	.546	--	.806	--	
21-53	Findley Lake	Wellington Creek	Wellington, Ohio	6.25	6.12	Mar. 1956	--	760.4	.19	--	--	--	ODW
	-----do	-----do	-----do	--	--	June 1961	5.6	745.5	.186	--	.435	--	
21-54	Lake Logan	Clear Fork	Logan, Ohio	14.7	14.17	Feb. 1955	--	3,142	.291	--	--	--	ODW
	-----do	-----do	-----do	--	--	Aug. 1966	11.8	3,081	.285	--	.363	--	

21-55a	Ischua Creek Site #2----	Johnson Creek----------	Franklinville, N. Y.	2.8	2.75	Aug. 1964	--	488.96	.164	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1971	6.97	488.34	.164	*80	.032	56	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	3.15	588.09	.163	*80	.029	50	
21-56a	Ischua Creek Site #5----	Gates Creek----------	-----do----------	6.4	6.28	Aug. 1964	--	1,058.56	.155	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1971	6.97	1,056.44	.155	*80	.046	84	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	3.2	1,055.83	.155	*80	.03	53	
21-57a	N. Fk. Cowanesque R. (PA-406)----------	White Branch----------	North Fork, Pa.------	3.4	3.3	Aug. 1962	--	654.13	.21	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1967	4.9	653.89	.21	71	4/.01	4/16	
21-58	Salem Fork No. 11A------	Varner Hollow----------	Salem, W. Va.--------	.288	.287	Oct. 1954	--	53	.168	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1956	2	52.25	.166	*60	1.307	1,708	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1958	2	52.05	.165	--	.348	455	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1960	2.17	51.95	.165	--	.16	209	
	-----do----------	-----do----------	-----do----------	--	--	June 1962	1.56	51.75	.164	--	.445	579	
21-59	Upper Hocking No.1------	Hunters Run----------	Lancaster, Ohio-----	1.04	.94	Apr. 1956	--	450	.882	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1962	6.08	446.13	.875	71.6	.078	1,057	
21-60	Beach City Lake---------	Sugar Creek----------	Beach City, Ohio----	300	299.3	Nov. 1936	--	5/1,700	.009	--	--	--	OE
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1974	37.5	5/305	.002	*65	.12	176	
21-61	Dillon Lake----------	Licking River----------	Zanesville, Ohio----	742	6/690	Feb. 1961	--	5/17,500	.032	--	--	--	OE
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1973	12.16	5/16,100	.029	*65	.17	234	
21-62	Polk Creek Site #6------	White Oak Run----------	Weston, W. Va.-------	.47	.47	Sept 1965	--	116.5	.245	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1971	5.7	110.42	.23	72	1.34	2,101	
21-63	Tom Jenkins (Burr Oak)--	E. Br. Sunday Creek----	Burr Oak, Ohio------	33.1	31.2	Feb. 1952	--	26,910	1.13	--	--	--	OE
	-----do----------	-----do----------	-----do----------	--	--	May 1965	13.3	26,700	1.12	*65	.42	600	
			GREAT LAKES DRAINAGE (IN MICHIGAN) AND MAUMEE RIVER BASIN										
22-1	Grand (L. St. Mary's)---	St. Mary's & Wabash R.-	Celina, Ohio--------	118	93	-- 1844	--	7/130,175	*2.193	--	--	--	OCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1940	96	106,605	*1.796	*55	2.84	[illegible]	
22-2	Stronach----------	Pine R. of Manistee R.-	Wellston, Mich.-----	291	233	-- 1912	--	640	*.00[illegible]	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1953	41	27	[illegible]	[illegible]	[illegible]	154	
22-3	Goller Pond----------	Unnamed----------	Defiance, Ohio------	.026	.024	Mar. 1945	--	9.5	*.201	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1951	6.4	9.4	*.753	*45	.92	902	
22-4a	Auglaize R. Power-------	Auglaize River---------	-----do----------	2,329	2,326	-- 1912	--	8/14,400	.012	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	39	11,600	.009	--	.021	--	
22-5	Eagle Creek 9/----------	Eagle Creek----------	-----do----------	5.23	5.2	-- 1912	--	129	.05	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	July 1951	39	74	.029	59	.27	347	
22-6	Beetree Creek 9/--------	Beetree Creek----------	-----do----------	1.94	1.91	-- 1912	--	148	*.156	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1951	39	104	*.109	52.5	.59	675	
22-7	Batt Pond----------	Unnamed----------	-----do----------	.013	.012	Apr. 1947	--	2.6	*.417	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	July 1951	4.3	2.5	*.401	73.4	2.75	4,896	
22-8	Harrison Lake----------	Mill Creek----------	Fayette, Ohio-------	37.2	37	-- 1941	--	991	.051	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	June 1949	8.3	929.1	.048	53.2	.2	232	
	-----do----------	-----do----------	-----do----------	--	--	July 1951	2.1	902.4	.046	*53	.34	392	
22-9	Allmandinger Pond-------	Unnamed----------	Ohio City, Ohio-----	.038	.035	Jan. 1945	--	5.08	*.239	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	July 1951	6.7	4.71	*.221	53.7	1.71	2,001	
22-10	Bucyrus No. 2----------	Trib. Sandusky River---	Bucyrus, Ohio-------	2.84	2.79	-- 1919	--	242	.12	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	June 1949	30	218	.108	45.4	.28	277	
22-11c	Contris Pond 10/--------	Trib. of Hoo Creek-----	Lafayette, Ohio-----	.13	.13	-- 1947	--	9.2	.133	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	4	7.9	.114	57.8	2.6	3,270	
	-----do----------	-----do----------	-----do----------	--	--	-- 1954	3	7.4	.107	*49.3	1.36	1,460	
	-----do----------	-----do----------	-----do----------	--	--	-- 1962	8	6.3	.091	--	.969	--	
22-12	Sixmile Creek 9/--------	Sixmile Creek----------	Defiance, Ohio-------	21.6	21.4	-- 1912	--	995	*.094	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	July 1951	39	696	*.066	43.8	.36	343	
22-13a	Burt Lake----------	Unnamed----------	Oakwood, Ohio-------	.76	.74	Sept 1948	--	59	*.155	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	July 1951	2.8	57	*.15	37.2	1.13	924	
22-14	Kohart Pond----------	-----do----------	Grover Hill, Ohio---	.021	.019	Sept 1943	--	2.4	*.229	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	July 1951	7.8	2.3	*.219	26.1	.53	301	
22-15	Van Buren Lake----------	Rocky Ford Creek-------	Findlay, Ohio-------	22.8	22.72	Spring 1939	--	248	.022	--	--	--	ODW
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1948	9.5	205	.019	53.6	.2	233	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1951	2.8	186	.017	57.9	.31	391	
22-16	Norvell Lake----------	River Raisin----------	Norvell, Mich.-------	58.5	25.3	-- --	--	717.6	.026	--	---	--	OCS
	-----do----------	-----do----------	-----do----------	--	--	May 1969	100+	502.3	.018	23.3	.085	43	
22-17	Sharon Hollow----------	-----do----------	Manchester, Mich.---	34.7	25	-- 1927	--	258.1	.016	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1969	42	143.9	.009	33.1	.11	72	
22-18	Brooklyn Mill Pond------	-----do----------	Brooklyn, Mich.------	29.6	6.2	-- 1948	--	249.3	.016	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1969	21	186.3	.012	43.4	.464	457	
22-19	Manchester Power Dam----	-----do----------	Manchester, Mich.---	6.4	6.4	-- 1945	--	288.9	.09	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1969	23	259.5	.08	31.5	.2	157	
22-20	Iron Mill Pond----------	Iron Creek----------	-----do----------	14.4	5.2	-- --	--	1,551	.224	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1969	[illegible]	1,159	.168	--	.75	--	
22-21	Phoenix Pond----------	Middle River Rouge-----	Plymouth, Mich.------	56.85	56.85	-- --	--	225	.0074	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	100	170	.0056	41.8	.0097	3	
22-22	Saline Mill Pond--------	Saline River----------	Saline, Mich.--------	73.6	63	-- 1937	--	240.1	.0061	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1969	31	129.6	.0033	44	.057	54	
22-23	Manchester Mill Pond----	Raisin River----------	Manchester, Mich.---	17	17	-- 1906	--	21.33	.0026	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1969	63	10.9	.0013	38	.01	8	
22-24	Bridgeway Lake----------	Unnamed----------	Dexter, Mich.--------	7.5	7.5	-- 1927	--	76.7	.025	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1969	41	47.9	.0156	46	.093	93	

1/ Density for entire period of record.
2/ Computed from differences in total sediment accumulation in tons at each survey.
3/ Gate closed Fall 1949. Drained March 1950. Gate closed May 1954.
4/ Sediment pool only.
5/ Conservation or multiple-use pool capacity - Reservoir has greater capacity at spillway crest elevation.
6/ 49 sq. mi. of total drainage area controlled by Buckeye Lake.
7/ At present spillway elevation (lowered in 1856). In 1844 surface area was 17,603 acres and storage capacity was 220,400 ac.-ft.
8/ Capacity and sediment figures include that of several tributary arms including Beetree, Eagle and Sixmile Creeks.
9/ Tributary arm of Auglaize River Power Reservoir.
10/ All figures subject to readjustment because of minor dredging which occured in 1953.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			GREAT LAKES DRAINAGE (IN MICHIGAN) AND MAUMEE RIVER BASIN (Continued)										
22-25	Franklin Mill Pond------	Franklin Branch Rouge--	Franklin, Mich.---	13.8	7.8	-- 1833	--	97.8	.0133	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1969	136	13.1	.0018	50	.079	86	
22-26	Waterford Pond----------	Middle River Rouge-----	Northville, Mich.-	54	54	-- --	--	173	.0067	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	100	101	.0039	39	.013	11	
22-27	Tecumseh Mill Pond------	Evans Creek----------	Tecumseh, Mich.---	31.6	26.3	-- 1827	--	227.8	.01501	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1969	142	94.7	.0062	59	.0356	45	
22-28	Belleville Lake---------	Huron River----------	Belleville, Mich.-	810	20.3	-- 1929	--	19,945	.0513	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1969	40	17,980	.0462	69	2.42	3,657	
22-29	Ford Lake---------	-----do----------	Ypsilanti, Mich.--	790	11.2	-- 1933	--	17,926	.0472	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1969	36	16,085	.0424	81	4.00	8,045	
22-30	Barton Pond----------	-----do----------	Ann Arbor, Mich.--	708	183	-- 1915	--	3,150	.0083	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1969	54	2,601	.0068	39	.055	46	
22-31	Red Mill Pond----------	Upper Raisin----------	Tecumseh, Mich.---	172.9	25.9	-- --	--	677	.0081	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1969	100+	336	.004	41.9	.13	118	
22-32	H. N. Fry Pond----------	Squaw Creek----------	Onstead, Mich.----	12.45	12.45	Early 1962	--	121.3	.02	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1969	7	116	.019	--	.06	--	
22-33	Newburgh Lake----------	Middle Rouge----------	Plymouth, Mich.---	54.3	54.3	-- 1933	--	667.8	.026	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	36	562.9	.022	56.08	.054	66	
22-34	Lake Adrian----------	Wolf Creek----------	Adrian, Mich.-----	65	59	-- 1942	--	1,000	.032	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	28	851	.027	75.1	.09	147	
			GREAT LAKES DRAINAGE (IN MICHIGAN AND WISCONSIN)										
23-1	Little Black, Site #A---	Little Black River-----	Cheyboygan, Mich.-	9.7	9.7	Oct. 1960	--	275	.035	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1976	16	--	--	125	.0009	2	
			MISSISSIPPI RIVER BASIN (LOUISIANA TO CHESTER) ILLINOIS, KASKASKIA, AND MERAMEC RIVER BASINS										
24-1a	L. Williamson (Artic Pd)	Trib. of Honey Creek---	Carlinville, Ill.-	.53	.51	-- 1922	--	175.6	.614	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	-- 1959	27	159.5	.558	46.24	1.18	1,188	
	-----do----------	-----do----------	-----do----------	--	--	-- 1954	5	152.2	.532	46.24	2.9	2,921	
	-----do----------	-----do----------	-----do----------	--	--	-- 1961	7	147.6	.516	46.24	1.25	1,259	
24-2b	Lake Bloomington--------	Money Creek----------	Hudson, Ill.-------	61	60	Dec. 1929	--	6,654	1.981	---	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1948	18.7	6,062	1.805	41.5	.528	477	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1952	4	5,905	1.756	41.5	.655	592	
	-----do----------	-----do----------	-----do----------	--	--	July 1955	2.9	5,863	1.746	46	.242	243	
24-3b	Lake Carlinville--------	Honey Creek----------	Carlinville, Ill.-	26.06	25.79	June 1939	--	1,725	.118	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	June 1949	10.4	1,475	.101	59.1	.934	1,200	
	-----do----------	-----do----------	-----do----------	--	--	July 1954	5.1	1,427	.098	65.7	.365	521	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	5.1	1,387	.095	62.4	.302	480	
24-4a	Lake Decatur----------	Sangamon River---------	Decatur, Ill.------	906	902	Apr. 1922	--	19,738	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1936	14.2	16,930	--	--	.22	192	
	-----do----------	-----do----------	-----do----------	--	--	June 1946	10	14,567	--	51.7	.26	224	
	-----do----------	-----do----------	-----do----------	--	--	-- 1956	10	1/23,371	--	--	.09	141	
	-----do----------	-----do----------	-----do----------	--	--	-- 1966	10	22,340	--	--	.11	154	
24-5	Shaefer Pond----------	Trib. of Cahokia Creek-	Edwardsville, Ill.	.087	.083	Nov. 1937	--	20.2	--	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	July 1949	11.8	17.6	--	*50	2.65	2,890	
24-6	Lake Springfield--------	Sugar and Lick Creeks--	Springfield, Ill.-	265	258	Jan. 1934	--	61,039	--	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1948	14.6	58,380	--	73	.705	660	
24-7	Spring Lake----------	Spring Creek----------	Macomb, Ill.-------	20.2	20.1	Apr. 1927	--	607	--	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	20.4	520	--	59.7	.701	911	
24-8	Lake Bracken----------	Brush Creek----------	Galesburg, Ill.---	9.14	8.85	Dec. 1923	--	2,801	--	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1936	12.7	2,660	--	--	1.97	2,231	
	-----do----------	-----do----------	-----do----------	--	--	June 1949	12.9	2,452	--	52	1.32	1,061	
24-9	Pittsfield----------	Trib. of Panther Creek-	Pittsfield, Ill.--	1.84	1.77	June 1925	--	2/367	*.49	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1946	21.5	232	*.31	*40	3.55	3,090	
24-10a	Lock & Dam 25 (Winfield)	Mississippi River------	Winfield, Mo.-----	142,000	--	July 1939	--	180,000	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	May 1945	5.9	194,100	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1946	1	181,400	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1947	1.6	184,000	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1959	11.4	155,000	--	--	--	--	
24-11a	Mt. Sterling----------	Trib. of Shelby Creek--	Mt. Sterling, Ill.	1.8	1.75	-- 1935	--	306	.393	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	16	248	.319	60	2.05	2,679	
24-12	Lake Jacksonville-------	Sandy Creek----------	Jacksonville, Ill.	10.8	10.1	-- 1939	--	7,058	1.167	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	June 1952	12	6,874	1.137	32.5	1.51	1,069	
24-13	Mauvaisse Terre Lake----	Mauvaisse Terre Creek-	-----do----------	32.6	32.2	-- 1921	--	1,820	.1	--	--	--	IWS
	-----do----------	-----do----------	-----do----------	--	--	June 1952	31	1,215	.067	48.2	.61	640	

24-14a	Morgan Lake	Unnamed	Jacksonville, Ill.	2.75	2.72	--	1900	--	126	.082	--	--	--	IWS
	do	do	do	--	--	June	1952	52	73	.047	41.2	.38	341	
24-15a	Langdon Pond	do	Franklin, Ill.	.358	.348	--	1907	--	56.8	.284	--	--	--	IWS
	do	do	do	--	--	July	1952	45	44.8	.224	31.8	.78	540	
24-16	Franklin Outing Club L.	do	do	.45	.414	--	1905	--	328	1.302	--	--	--	IWS
	do	do	do	--	--	July	1952	47	301	1.194	52.4	1.43	1,632	
24-17	Anderson Lake	do	Concord, Ill.	.631	.6	--	1909	--	267	.756	--	--	--	IWS
	do	do	do	--	--	July	1952	43	234	.663	36.2	1.28	1,009	
24-18	Waverly City	do	Waverly, Ill.	9.24	9.16	Oct.	1938	--	308.3	.06	--	--	--	IWS
	do	do	do	--	--	July	1952	13.8	238.6	.046	42.4	.551	509	
24-19	Whitehall City	do	Whitehall, Ill.	.97	.92	--	1897	--	459	.846	--	--	--	IWS
	do	do	do	--	--	July	1952	55	408	.751	43.1	1.02	957	
24-20	Roodhouse Pk. District L.	do	Roodhouse, Ill.	.451	.439	--	1917	--	61.6	.243	--	--	--	IWS
	do	do	do	--	--	July	1952	35	53.9	.213	42.4	.5	462	
24-21	Woodbine Country Club L.	do	Greenfield, Ill.	.329	.32	--	1926	--	58.5	.318	--	--	--	IWS
	do	do	do	--	--	July	1952	26	43.4	.236	54.4	1.81	2,144	
24-22	Dale Cole Pond	do	do	.231	.221	--	1924	--	67.2	.521	--	--	--	IWS
	do	do	do	--	--	July	1952	28	56.7	.44	53.7	1.72	2,012	
24-23	Seely Pond	do	Hillview, Ill.	.093	.091	--	1902	--	3.7	.071	--	--	--	IWS
	do	do	do	--	--	July	1952	50	2.2	.042	35.6	.3	233	
24-24	Vineyard Pond	do	Whitehall, Ill.	.054	.052	Jan.	1937	--	1.58	.053	--	--	--	IWS
	do	do	do	--	--	July	1952	15.6	1.32	.044	36.2	.33	260	
24-25	Knapp	do	Springfield, Ill.	3.49	3.43	--	1907	--	181.8	.093	--	--	--	IWS
	do	do	do	--	--	Aug.	1952	45	115.3	.059	38.7	.431	363	
24-26	Aschauer Pond	do	Riverton, Ill.	.526	.518	--	1939	--	18.3	.062	--	--	--	IWS
	do	do	do	--	--	Aug.	1952	13	9.4	.032	56.2	1.31	1,603	
24-27	Schmidt Pond	do	Chatham, Ill.	1.31	1.3	--	1943	--	6	.008	--	--	--	IWS
	do	do	do	--	--	Aug.	1952	9	3.4	.005	41.2	.22	197	
24-28	Ayers	Trib. of Shoal Creek	Ayers, Ill.	1.43	1.39	--	1906	--	200	.262	--	--	--	IWS
	do	do	do	--	--	Aug.	1958	52	150	.197	51.03	.69	767	
24-29a	Bodeman Reservoir	Trib. of West Creek	Brunswick, Ind.	2.73	2.39	Aug.	1947	--	52.1	*.036	--	--	--	SCS
	do	do	do	--	--	Sept	1960	13	44.8	*.031	96.7	.23	284	
24-30	C B & Q R. R. Lake	Trib. of Sangamon River	Tallula, Ill.	.85	.84	--	1902	--	31.7	.067	--	--	--	IW
	do	do	do	--	--	July	1952	50	15.4	.0[illegible]	[illegible]	.36	410	
24-31	Edwards Lake	Trib. of Cahokia Creek	Gillespie, Ill.	.42	.4	--	1949	--	74.2	.351	--	--	--	IWS
	do	do	do	--	--	Aug.	1958	9	68.	.322	46.66	1.72	1,755	
24-32	Etcheson's Lake	Trib. Kaskaskia River	Vandalia, Ill.	.27	.26	--	1943	--	19.7	.137	--	--	--	IWS
	do	do	do	--	--	Aug.	1958	15	16	.111	55.66	.93	1,127	
24-33	Glosier No. 1	Lost Creek	Elsberry, Mo.	1.05	1.04	Apr.	1956	--	3/72.5	--	--	--	--	SCS
	do	do	do	--	--	July	1960	4.3	70.3	--	--	.49	--	
24-34	I. C. at Kinmundy	Trib. E. Fk. KaskaskiaR.	Kinmundy, Ill.	.618	.581	--	1902	--	174.14	.459	--	--	--	IWS
	do	do	do	--	--	July	1959	57	149.1	.323	35.5	.756	584	
24-35	King's Lake	Trib. of Cahokia Creek	Eagarville, Ill.	.46	.44	--	1921	--	158.6	.68	--	--	--	IWS
	do	do	do	--	--	June	1958	37	139.5	.598	54.42	1.17	1,387	
24-36	Lake Coulterville	South Fork Mud Creek	Coulterville, Ill.	1.22	1.18	--	1940	--	200	.276	--	--	--	IWS
	do	do	do	--	--	Aug.	1954	14	188	.26	34	.73	541	
24-37	Lake Bunker Hill	Wood River	Bunker Hill, Ill.	7.19	7.15	--	1937	--	133	.033	--	--	--	IWS
	do	do	do	--	--	June	1954	17	36	.009	79.2	.8	1,380	
24-38	Lake Gillespie	Dry Fork	Gillespie, Ill.	5.73	5.62	--	1923	--	799	.272	--	--	--	IWS
	do	do	do	--	--	July	1954	32	696	.237	37.9	.57	470	
24-39	Lake Nashville	Nashville Creek	Nashville, Ill.	1.39	1.33	--	1936	--	320	.376	--	--	--	IWS
	do	do	do	--	--	Aug.	1954	19	289	.339	35.3	1.19	913	
24-40	Lake Staunton	East Creek	Staunton, Ill.	3.68	3.54	--	1926	--	1,248	.63	--	--	--	IWS
	do	do	do	--	--	July	1954	28	1,140	.575	28.1	1.09	667	
24-41	Macoupin County L. Club	Trib. Hurricane Creek	Carlinville, Ill.	.28	.26	--	1904	--	160.5	1.131	--	--	--	IWS
	do	do	do	--	--	June	1958	54	135.8	.976	37.13	1.76	1,423	
24-42a	Mine Pond No. 4	Trib. of Cahokia Creek	Wilsonville, Ill.	5.29	5.23	--	1916	--	296.1	.11	--	--	--	IWS
	do	do	do	--	--	July	1958	42	141.6	.053	65.34	.7	996	
24-43	New Mt. Olive	do	White City, Ill.	5.21	5.12	--	1938	--	432.8	.164	--	--	--	IWS
	do	do	do	--	--	June	1958	20	335.3	.127	52.35	.94	1,072	
24-44a	Panama Lake	Trib. of Indian Creek	Panama, Ill.	.85	.84	--	1928	--	177.8	.536	--	--	--	IWS
	do	do	do	--	--	Aug.	1958	30	151.9	.458	48.2	1.01	1,130	
24-45	Power Farms Ponds	Trib. of Sangamon River	Cantrall, Ill.	.668	.666	--	1940	--	4.2	.011	--	--	--	IWS
	do	do	do	--	--	July	1952	12	1.3	.003	54.9	.36	430	
24-46	Raccoon Lake	Raccoon Creek	Centralia, Ill.	48.4	47.3	--	1943	--	4,496.3	.152	--	--	--	IWS
	do	do	do	--	--	Sept	1959	16	4,143.6	.14	39.7	.47	406	
24-47	Robinson Pond	Terre Creek	Jacksonville, Ill.	.314	.304	--	1900	--	47.1	.277	--	--	--	IWS
	do	do	do	--	--	July	1952	52	35.6	.209	46.8	.7	714	
24-48	Salem City	Trib. of Crooked Creek	Salem, Ill.	4.02	3.9	--	1912	--	597.86	.233	--	--	--	IWS
	do	do	do	--	--	Aug.	1960	48	530.88	.207	40.8	.36	320	
24-49a	Virginia	Job's Creek	Virginia, Ill.	.828	.799	--	1933	--	154	.345	--	--	--	IWS
	do	do	do	--	--	--	1950	17	116	.26	*40	2.7	2,352	
24-50	Walton Club Lake	Long Branch	Litchfield, Ill.	2.72	2.67	--	1862	--	376.3	.272	--	--	--	IWS
	do	do	do	--	--	July	1959	97	187.2	.136	48.4	.73	770	

1/ Flood gates installed 1956 raising maximum water surface elevation to 615 ft. Capacity at 613 ft. (normal operating level increased to 23,371 ac. ft.).
2/ At present spillway elevation; spillway raised 1.24 ft. in 1944.

3/ Conservation Pool.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
	MISSISSIPPI RIVER BASIN (LOUISIANA TO CHESTER) ILLINOIS, KASKASKIA, AND MERAMEC RIVER BASINS (Continued)												
24-51	Lock and Dam 26	Mississippi River	Alton, Ill.	171,470	--	May 1938	--	395,000	--	--	--	--	CE
	do	do	do	--	--	May 1945	7.1	390,200	--	--	--	--	
	do	do	do	--	--	Dec. 1945	.6	--	--	--	--	--	
	do	do	do	--	--	May 1946	.4	381,200	--	--	--	--	
	do	do	do	--	--	Oct. 1947	1.4	406,200	--	--	--	--	
	do	do	do	--	--	Apr. 1959	11.5	343,900	--	--	--	--	
24-52a	Pool No. 22	do	Saverton, Mo.	137,500	--	July 1938	--	93,858	--	--	--	--	CT
	do	do	do	--	--	Dec. 1954	16.33	85,231	.0017	--	.004	--	
	do	do	do	--	--	Dec. 1969	15	1/102,362	.0018	--	--	--	
24-53	Carlyle Lake	Kaskaskia River	Carlyle, Ill.	2,680	1,650	Apr. 1967	--	2/27,970	--	--	--	--	CE
	do	do	do	--	--	Aug. 1971	4.3	22,870	--	--	.718	--	
24-54	Farmdale	Farm Creek	East Peoria, Ill.	26.5	25.9	Aug. 1951	--	11,300	1.051	--	--	--	CE
	do	do	do	--	--	June 1963	11.92	11,189	1.04	--	.36	--	
	do	do	do	--	--	May 1970	6.92	11,095	1.032	--	.52	--	
	do	do	do	--	--	Apr. 1972	1.92	11,089	1.031	--	.12	--	
24-55	Fondulac	Fondulac Creek	do	5.4	5.25	Sept 1949	--	2,280	.786	--	--	--	CE
	do	do	do	--	--	June 1963	13.82	2,163	.746	--	1.61	--	
	do	do	do	--	--	May 1970	6.97	2,150	.741	--	.36	--	
	do	do	do	--	--	Apr. 1972	1.92	2,145	.74	--	.5	--	
24-56	Hambaugh-Martin #1	Martin Branch	Versailles, Ill.	2.094	2.034	Sept 1961	--	426.56	.48	--	--	--	CE
	do	do	do	--	--	Feb. 1972	10.51	375.26	.42	51.6	2.38	2,697	
	UPPER MISSISSIPPI RIVER BASIN (FAIRMONT TO LOUISIANA) Iowa, Skunk, and Des Moines River Basins												
25-1	Pool #19 (L. Cooper, Keokuk Dam)	Mississippi River	Keokuk, Iowa	119,000	--	-- 1913	--	479,550	--	--	--	--	CE
	do	do	do	--	--	June 1928	15	370,300	--	--	--	--	
	do	do	do	--	--	June 1938	10	337,000	--	--	--	--	
	do	do	do	--	--	June 1946	8	312,216	--	--	--	--	
25-2	Upper Pine	Pine Creek	Eldora, Iowa	13.9	13.8	May 1934	--	660	.145	--	--	--	SCS
	do	do	do	--	--	Sept 1947	13.3	452	.099	*60	1.14	*1,490	
25-3	Lake Calhoun	Fitch Creek	Galva, Ill.	13.1	13	Sept 1924	--	3/425	--	--	--	--	IWC
	do	do	do	--	--	Aug. 1936	11.9	273	--	--	.977	1,190	
	do	do	do	--	--	July 1947	11	112	--	56	1.12	1,370	
25-4	Carthage	Long Creek	Carthage, Ill.	2.04	2.16	Mar. 1930	--	[illegible]	-	-	--	-	[illegible]
	do	do	do	--	--	[illegible] 1949	22.4	[illegible]	--	[illegible]	[illegible]	[illegible]	
25-5	McCraney Cr. New Desilting Basin	McCraney Creek	Kinderhook, Ill.	52	50.2	Dec. 1936	--	2,400	--	--	--	--	[illegible]
	do	do	do	--	--	Dec. 1939	3	*1,770	--	*85	4.18	7,740	
	do	do	do	--	--	-- 1941	2	*1,664	--	*85	1.06	1,960	
25-6	Pine Lake	Pine Creek	Eldora, Iowa	15.34	15.4	-- 1924	--	738	*.148	--	--	--	SCS
	do	do	do	--	--	Winter 1932	8	552	*.111	*60	1.52	*1,990	
25-7	Hadley Cr. Old Desilting Basin	Hadley Creek	New Canton, Ill.	77	4/72.7	-- 1921	--	3,000	*.067	--	--	--	SCS
	do	do	do	--	--	-- 1936	15	1,845	*.041	*85	1.06	1,960	
25-8	Hadley Cr. New Desilting Basin	do	do	77	72.7	Dec. 1936	--	3,080	*.068	--	--	--	SCS
	do	do	do	--	--	Dec. 1939	3	2,556	*.057	*85	2.41	4,460	
25-9	Kiser Cr. Desilting Basin	Kiser Creek	do	66	5/59.6	Dec. 1936	--	*2,900	*.073	--	--	--	SCS
	do	do	do	--	--	Dec. 1939	3	*2,290	*.059	*85	2.85	5,280	
25-10	Beeds Lake	Unnamed	Hampton, Iowa	31.8	31.6	-- 1935	--	1,154	*.069	--	--	--	SCS
	do	do	do	--	--	-- 1946	11	1,070	*.064	*65	.24	340	
25-11	C M St. P & P RR Res.	Trib. of Big Creek	Madrid, Iowa	2.54	2.52	-- 1903	--	43	*.069	--	--	--	SCS
	do	do	do	--	--	-- 1918	15	25	*.04	*70	.476	726	
25-12a	Fairfield No. 3	Crow Creek	Fairfield, Iowa	2.05	2	-- 1927	--	207	*.303	--	--	--	SCS
	do	do	do	--	--	-- 1934	7	166	*.242	*51.6	2.96	3,827	
	do	do	do	--	--	July 1953	19	135	*.198	51.6	.795	893	
25-13	Springbrook	Spring Brook	Guthrie Center, Ia.	2.1	2.1	-- 1936	--	165	*.386	--	--	--	SCS
	do	do	do	--	--	-- 1946	10	172	*.359	*50	.638	695	
25-14	Pool No. 16	Mississippi River	Muscatine, Iowa	99,400	--	Mar. 1938	--	113,300	--	--	--	--	CE
	do	do	do	--	--	Nov. 1949	11.7	106,347	--	--	--	--	

25-15	Pool No. 20	do	Canton, Mo.	134,300	--	Oct. 1937	--	89,850	--	--	--	--	CE
	do	do	do	--	--	Nov. 1950	13.1	87,740	--	--	--	--	
25-16	Bloomfield	Unnamed	Bloomfield, Iowa	2.25	2.13	Sept 1937	--	896	*.664	--	--	--	SCS
	do	do	do	--	--	Sept 1951	14	831	*.616	*60	2.16	2,823	
25-17	Pool No. 17	Mississippi River	New Boston, Ill.	99,600	--	Aug. 1938	--	70,800	--	--	--	--	CE
	do	do	do	--	--	Mar. 1954	15.6	69,350	--	--	.001	--	
25-18	Pool No. 21	do	Quincy, Ill.	135,000	--	July 1938	--	78,040	--	--	--	--	CE
	do	do	do	--	--	Mar. 1954	15.7	69,570	--	--	--	--	
25-19a	Coralville	Iowa River	Iowa City, Iowa	3,115	3,076	Sept 1958	--	492,000	.47	--	--	--	CE
	do	do	do	--	--	Jan. 1964	5.33	485,400	.46	40	.402	350	
	do	do	do	--	--	Apr. 1968	4.33	480,110	.46	45	.397	443	
25-20	Bear Cr. Wshd. Site A-2	Bear Creek	Gorin, Mo.	4.11	3.89	Nov. 1967	--	1,068.4	.89	--	--	--	SCS
	do	do	do	--	--	Aug. 1975	7.8	1,018.3	.84	56.4	1.65	2,015	
	UPPER MISSISSIPPI RIVER BASIN (PRAIRIE DU CHIEN TO ROCK ISLAND) AND LAKE MICHIGAN DRAINAGE Rock and Wapsipinicon River Basins												
26-1a	Pool No. 15	Mississippi River	Rock Island, Ill.	88,500	--	Mar. 1934	--	39,432	--	--	--	--	CE
	do	do	do	--	--	Aug. 1938	4.5	38,546	--	--	.002	--	
	do	do	do	--	--	Nov. 1944	6.2	38,229	--	--	.001	--	
	do	do	do	--	--	Dec. 1946	2.1	39,224	--	--	-.005	--	
	do	do	do	--	--	Nov. 1948	1.9	37,643	--	--	.009	--	
	do	do	do	--	--	Nov. 1950	2	37,881	--	--	-.001	--	
	do	do	do	--	--	Nov. 1952	2	37,086	--	--	.004	--	
26-2	Backbone L. (Forestville Lake)	Maquoketa River	Strawberry Pt., Ia.	116	116	July 1934	--	608	--	--	--	--	CE
	do	do	do	--	--	Feb. 1942	7.6	539	--	--	.076	127	
	do	do	do	--	--	Feb. 1949	7.[illegible]	479	--	73.1	[illegible]	1[illegible]4	
26-3	Pool No. 11	Mississippi River	Dubuque, Iowa	31,600	--	Apr. 1938	--	171,684	--	--	--	--	CE
	do	do	do	--	--	Feb. 1953	14.8	154,526	--	--	.014	--	
	UPPER MISSISSIPPI RIVER BASIN (ST. PAUL TO PRAIRIE DU CHIEN) Wisconsin, Root, Chippewa, and St. Croix River Basins												
27-1	Elk Creek Lake	Elk Creek	Eau Claire, Wisc.	60	60	-- 1926	--	683	*.018	--	--	--	SCS
	do	do	do	--	--	Oct. 1941	15	457	*.012	*70	.252	384	
27-2	Ettrick Mill Pond	N. Br. Beaver Creek	Ettrick, Wisc.	50.75	50.7	-- 1871	--	127	--	--	--	--	SCS
	do	do	do	--	--	June 1939	68	46	--	*80	.023	40	
27-3	Marinuka (Davis Lake)	Beaver Creek	Galesville, Wisc.	138.6	138.2	-- 1867	--	1,677	*.022	--	--	--	SCS
	do	do	do	--	--	June 1939	72	683	*.009	72.5	.1	158	
27-4	Prairie du Sac	Wisconsin River	Prairie du Sac, WI.	8,900	6/600	-- 1914	--	100,000	--	--	--	--	CE
	do	do	do	--	--	-- 1933	19	91,851	--	*90	.717	1,400	
27-5	Pool No. 5A	Mississippi River	Winona, Minn-Wisc.	59,100	--	July 1936	--	30,900	--	--	--	--	CE
	do	do	do	--	--	Feb. 1945	9.6	26,090	--	*90	--	--	
27-6a	DA-1 - Fishbaugher	Trib. D. E. Willow Cr.	Preston, Minn.	1.31	1.29	Nov. 1946	--	168.7	.474	--	--	--	SCS
	do	do	do	--	--	Mar. 1960	3.4	166.5	.468	*70	.51	778	
	do	do	do	--	--	Apr. 1964	4.1	164.1	.461	*70	.43	656	
27-7	Franklin Farm Pond	Trib. of Spring Creek	Red Wing, Minn.	1.188	1.181	May 1958	--	110.5	*.345	--	--	--	SCS
	do	do	do	--	--	June 1962	4.1	104.56	*.327	*65	1.23	1,741	
27-8	Frieheit Farm Pond	Trib. of Zumbro River	Zumbro Falls, Minn.	.269	.268	Aug. 1955	--	14.27	*.166	--	--	--	SCS
	do	do	do	--	--	May 1962	6.8	13.29	*.155	49.5	.52	560	
27-9	Stelplaugh Farm Pond	Trib. of Corey Creek	Money Creek, Minn.	.231	.23	Sept 1957	--	19.09	*.313	--	--	--	SCS
	do	do	do	--	--	May 1962	4.7	18.04	*.296	*65	.96	1,359	
27-10	Wohlfiel Farm Pond	Trib. of Zumbro River	Millville, Minn.	.386	.384	July 1955	--	27.98	*.227	--	--	--	SCS
	do	do	do	--	--	May 1962	6.8	26.71	*.217	*55	.49	587	
27-11	Wold Farm Pond	Trib. of Crooked Creek	Spring Grove, Minn.	.194	.193	Aug. 1954	--	10.5	*.157	--	--	--	SCS
	do	do	do	--	--	Jan. 1962	7.3	10.03	*.15	51.86	.331	374	
27-12	FD-28 Structure East Willow Cr. Watershed	Trib. of Root River	Preston, Minn.	.436	.433	Oct. 1954	--	56.79	*.444	--	--	--	SCS
	do	do	do	--	--	June 1962	7.7	55.18	*.431	*65	.48	680	
27-13	E-3 Mensink	Trib. E. E. Willow Cr.	do	3.16	3.1	May 1955	--	292.2	.34	--	--	--	SCS
	do	do	do	--	--	Mar. 1960	3.83	291	.338	*50	.11	120	
	do	do	do	--	--	Apr. 1964	4.08	287.2	.334	*50	.3	330	
27-14	Birch Lake	Trout Creek	Barneveld, Wisc.	1.5	1.5	Oct. 1964	--	219.6	.32	--	--	--	SCS
	do	do	do	--	--	Mar. 1975	10.5	209.37	.31	69	.65	977	
27-15	Ruegg-Alberts Group	M. Fk. Trib. Zumbro R.	Pine Island, Minn.	1.09	1.08	Aug. 1963	--	64.63	.22	--	--	--	SCS
	do	do	do	--	--	June 1971	8	63.65	.22	*55	.11	136	
27-16	Structure R-2 Crooked Cr.	N. Fk. Crooked Creek	Caledonia, Minn.	3.18	2.45	May 1966	--	221.14	.21	--	--	--	SCS
	do	do	do	--	--	May 1971	5	212.36	.2	*60	.72	937	
	UPPER MISSISSIPPI RIVER BASIN (ABOVE ST. PAUL)												
28-1	Donald Gardner	Minn. (Direct)	St. Peter, Minn.	1.484	1.482	Aug. 1967	--	36.22	.11	--	--	--	SCS
	do	do	do	--	--	July 1971	3.9	35.31	.11	*60	.16	207	
	do	do	do	--	--	Feb. 1976	4.6	34.06	.11	*60	.18	239	
28-2	Leroy Hemish	Lac Qui Parle	Canby, Minn.	2.12	2.1	Aug. 1968	--	98.89	.58	--	--	--	SCS
	do	do	do	--	--	June 1972	3.8	96.69	.57	*56.1	.28	336	
28-3	Schuester	Trout Brook Trib.	Afton, Minn.	3.09	3.07	-- 1967	--	55.	.07	--	--	--	SCS
	do	do	do	--	--	-- 1971	4	54.58	.07	*60	.0342	45	
	do	do	do	--	--	-- 1973	2	54.55	.07	*60	.0049	6	

1/ All 31 ranges show scour, partially due to removal of borrow material.
2/ Conservation Pool capacity. Reservoir has greater capacity at spillway crest elevation.
3/ Spillway raised 2.89 ft. in 1946. Original capacity was 385.6 ac.-ft. All sedimentation and storage loss data based on higher spillway elevation.
4/ Excludes 3.8 sq. mi. Mississippi River bottom land.
5/ Excludes 5.8 sq. mi. Mississippi River bottom land.
6/ Flow from 8,300 sq. mi. of drainage area passes through power dams, which act as silt traps.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			LAKE SUPERIOR AND LAKE OF THE WOODS AREA (IN MINNESOTA)										
29-													
			RED RIVER OF THE NORTH BASIN										
30-1	Lake Bronson	Two Rivers	Bronson, Minn.	439	438.5	Summer 1940	--	3,792	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1950	10	3,626	--	30.94	.038	26	
30-2	Frazee	Otter Tail River	Frazee, Minn.	210	24	--	1926	--	155	--	--	--	SCS
	do	do	do	--	--	May 1952	26.	137.1	--	20	.029	13	
30-3	Blabon Dam	Trib. of Goose River	Blabon, N. Dak.	1.219	1.188	--	1935	--	130.69	*3.354	--	--	SCS
	do	do	do	--	--	Oct. 1955	20	107.29	*2.753	41	.98	375	
30-4	Dougherty Dam	N. Br. Forest River	Adams, N. Dak.	20.2	14.6	--	1935	--	120.7	*.209	--	--	SCS
	do	do	do	--	--	Aug. 1957	22	139.6	*.194	25	.034	19	
30-5	Gustafson Farm Pond	Park River	do	3.755	3.67	--	1941	--	38.7	*.284	--	--	SCS
	do	do	do	--	--	May 1955	14	33.36	*.245	*35	.101	77	
30-6	Gwinner Dam	Trib. Wild Rice River	Gwinner, N. Dak.	.226	.222	--	1936	--	12.92	*2.494	--	--	SCS
	do	do	do	--	--	Aug. 1956	20	10.29	*1.986	29	.59	373	
30-7	Madsen Farm Pond	Swan Creek	Wheatland, N. Dak.	27.76	27.76	--	1939	--	22.82	*.026	--	--	SCS
	do	do	do	--	--	June 1956	17	19.1	*.022	*35	.0078	6	
30-8	Magnolia Dam	Buffalo Creek	do	12.16	11.72	--	1908	--	157.92	*.406	--	--	SCS
	do	do	do	--	--	June 1956	48	127.4	*.328	*35	.052	40	
30-9	Mason Siding Dam	Rush River	Erie, N. Dak.	30.2	30.2	--	1912	--	43.15	*.045	--	--	SCS
	do	do	do	--	--	June 1956	44	35.4	*.037	*35	.0058	4	
30-10	Melvin Bellerud Farm Pd.	Park River	Adams, N. Dak.	1.125	1.121	--	1942	--	16.78	*.412	--	--	SCS
	do	do	do	--	--	May 1955	13	14.47	*.355	*35	.1579	115	
30-11	Milton WPA Dam	do	Milton, N. Dak.	14.575	14.50	--	1934	--	[illegible]	[illegible]	--	--	SCS
	do	do	do	--	--	May 1955	21	46.19	*.089	*35	.0676	52	
30-12	Norby Dam	Trib. Wild Rice River	Havana, N. Dak.	.183	.183	--	1934	--	5.227	*1.191	--	--	SCS
	do	do	do	--	--	Aug. 1956	22	4.467	*1.018	*45	.188	184	
30-13	Raleigh Dam	Dog Tooth Creek	Raleigh, N. Dak.	4.45	4.45	--	1909	--	175.47	*.925	--	--	SCS
	do	do	do	--	--	July 1956	47	145.23	*.766	*35	.144	110	
30-14	Sioux Railroad Reservoir	Park River	Adams, N. Dak.	16.855	16.66	--	1911	--	88.37	*.145	--	--	SCS
	do	do	do	--	--	May 1955	44	69.16	*.113	*35	.026	19	
30-15	White Lake	Trib. Wild Rice River	Havana, N. Dak.	37	21.08	--	1938	--	1,895.6	--	--	--	SCS
	do	do	do	--	--	--	1957	19	1,808.8	--	32	.2167	151
30-16a	Baldhill D (L. Ashtabula)	Sheyenne River	Valley City, N.D.	1/4,138	2/1,979	Dec. 1952	--	76,400	.139	--	--	--	CE
	do	do	do	--	--	Jan. 1958	5.1	75,410	.137	*90	.0981	192	
	do	do	do	--	--	Feb. 1964	6.1	74,367	1.35	*90	.0865	170	
	do	do	do	--	--	Jan. 1971	6.9	73,670	1.34	*90	.051	100	
30-17a	Homme Dam (Park River)	S. Br. Park River	Park River, N. D.	229	229	Jan. 1953	--	3,650	.297	--	--	--	CE
	do	do	do	--	--	Mar. 1958	5.2	3,382	.275	*90	.225	441	
	do	do	do	--	--	Mar. 1964	6	3,253	.264	*90	.0938	184	
	do	do	do	--	--	Dec. 1970	6.8	2,971	.242	*90	.18	353	
30-18	John McWilliams	Sand Hill River	McKintosh, Minn.	1.48	1.46	July 1958	--	38.25	.32	--	--	--	SCS
	do	do	do	--	--	May 1971	12.8	37.81	.32	*55	.023	28	
30-19	Orwell Dam	Ottertail	Fergus Falls, Minn.	1,820	245	May 1954	--	14,100	.068	--	--	--	CE
	do	do	do	--	--	Mar. 1964	9.8	14,028	.068	*90	.03	59	
	do	do	do	--	--	Dec. 1970	6.8	13,975	.067	*90	.0317	62	
			MISSOURI RIVER BASIN (NEBRASKA CITY TO HERMANN)										
31-1	Lake of the Ozarks (Bagnell Dam)	Osage River	Eldon, Mo.	14,000	13,900	Feb. 1931	--	2,087,223	.299	--	--	--	CE
	do	do	do	--	--	Oct. 1948	17.8	1,972,531	.283	59.2	.464	598	
31-2	Carl Chinquist	Trib. West Nodaway R.	Stanton, Iowa	.166	.163	June 1938	--	3/9.46	*.231	--	--	--	SCS
	do	do	do	--	--	May 1949	10.9	2.59	*.063	49.9	3.87	4,200	
31-3	L. H. Fuelling	Trib. Tarkio Creek	Westboro, Mo.	1.05	1.04	July 1939	--	3/31.3	*.132	--	--	--	SCS
	do	do	do	--	--	May 1949	9.8	1.93	*.008	62.5	2.93	3,900	
31-4	McDaniel Lake	Little Sac River	Springfield, Mo.	41.9	41.5	--	1929	--	3,452	--	--	--	SCS
	do	do	do	--	--	June 1940	11	3,207	--	*60	.538	703	
31-5	Doniphan Co. Old Desilting Basin	Chase Creek	Blair, Kans.	1.62	1.58	--	1920	--	159.2	*.324	--	--	SCS
	do	do	do	--	--	June 1957	4/10	23.6	*.046	84.4	6.93	10,779	
31-6	Leavenworth Co. State L.	Unnamed Trib.	Tonganoxie, Kans.	3.83	3.56	Sept 1931	--	3,916	3.701	--	---	--	SCS
	do	do	do	--	--	Nov. 1947	16.1	3,771	3.564	61.45	2.53	3,386	
31-7	Lyon Co. State (Reading Lake)	do	Reading, Kans.	2.19	5/1.79	--	1935	--	1,889	*3.428	--	--	SCS
	do	do	do	--	--	Aug. 1939	4	1,870	*3.394	*60	2.73	3,568	

31-8	Martin Farm Lake	Osage River	Ottawa, Kans.	.18	.17	Nov. 1930	--	33	*.559	--	--	--	SOS
	do	do	do	--	--	Oct. 1937	6.9	30	*.508	*60	2.82	1,685	
31-9	Mission Lake	Mission Creek	Horton, Kans.	8.15	7.76	May 1924	--	1,866	*1.025	--	--	--	ARS
	do	do	do	--	--	Apr. 1937	13	1,563	*.858	62.2	3	4,064	
	do	do	do	--	--	July 1954	17.2	1,181	*.649	53.3	2.86	3,326	
	do	do	do	--	--	Aug. 1967	13.1	1,091.5	*.599	58.5	.86	15	
31-10	Moran	S. Fk. Osage River	Moran, Kans.	5.35	5.28	Apr. 1913	--	965	*.13	--	--	--	[illegible]
	do	do	do	--	--	Sept 1930	28.4	935	*.10	[illegible]	[illegible]	511	
31-11	Lake Mathe	Cedar Creek	Mathe, Kans.	[illegible]	[illegible].11	July 1922	--	[illegible]	--	--	--	--	[illegible]
	do	do	do	--	--	June 1937	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,422	
	do	do	do	--	--	July 1940	[illegible]	[illegible]	--	[illegible]	2.41	[illegible]	
31-12	Richmond	Unnamed Trib.	Richmond, Kans.	2.17	2.07	-- 1909	--	122	--	--	--	--	SOS
	do	do	do	--	--	Oct. 1937	28	280	--	*60	2	1,614	
31-13	Lampe Farm Pond	Trib. of Muddy Creek	Howe, Nebr.	.065	.064	Aug. 1942	--	[illegible]	*.231	--	--	--	SOS
	do	do	do	--	--	Dec. 1948	6.3	2.04	*.157	57.4	2.41	2,010	
31-14	E. W. Howell	Trib. Tarkio Creek	Tarkio, Mo.	.509	.505	July 1934	--	3/33.7	*.303	--	--	--	SOS
	do	do	do	--	--	May 1949	6/6.9	.03	*.0003	72.5	9.60	15,250	
31-15	Allerton	South Chariton River	Allerton, Iowa	4.98	4.82	-- 1913	--	511	--	--	--	--	SOS
	do	do	do	--	--	Nov. 1939	25.5	401	--	*60	.894	1,170	
31-16	Centerville No. 2	Manson's Branch	Centerville, Iowa	2.7	2.62	-- 1926	--	1,111	--	--	--	--	SOS
	do	do	do	--	--	-- 1937	11	1,050	--	*60	2.12	2,760	
31-17	Lake of Three Fires	E. Fk. 102 River	Bedford, Iowa	6.15	5.97	July 1936	--	1,231	--	--	--	--	SOS
	do	do	do	--	--	Feb. 1950	13.6	860	--	--	4.58	--	
31-18	Dominey Reservoir	Longs Creek	Johnson, Nebr.	.709	.699	-- 1952	--	1.4	--	--	--	--	SOS
	do	do	do	--	--	-- 1956	4	10.7	--	*65	.964	1,200	
31-19	Hawley Reservoir	Trib. of Nemaha River	Brock, Nebr.	.12	.115	-- 1947	--	11.37	--	--	--	--	SOS
	do	do	do	--	--	-- 1956	9	10.35	--	*65	.942	1,334	
31-20a	Schneider Reservoir	Long Branch	Johnson, Nebr.	.188	.184	-- 1962	--	10.4	--	--	--	--	SOS
	do	do	do	--	--	-- 1956	4	6.23	--	*65	5.65	8,000	
31-21	Cox	Unnamed Trib.	Blue Rapids, Kans.	.31	.3	June 1946	--	6.92	--	--	--	--	SOS
	do	do	do	--	--	Mar. 1955	8.8	4.05	--	67.22	1.1	1,610	
31-22	Droege	do	Osage City, Kans.	.4	.4	Mar. 1944	--	3/12.89	--	--	--	--	SOS
	do	do	do	--	--	Sept 1955	11.5	8.4	--	*60	.97	1,267	
31-23	Flinner	do	Leavenworth, Kans.	.64	.63	Nov. 1936	--	81.6	--	--	--	--	SOS
	do	do	do	--	--	Aug. 1957	20.7	26.1	--	*60	4.22	5,515	
31-24	Honey Creek No. A-2	Trib. of Honey Creek	Russell, Iowa	.278	.274	Oct. 1956	--	52.7	*.75	--	--	--	SOS
	do	do	do	--	--	Oct. 1958	2	52.3	*.744	66	.71	1,000	
	do	do	do	--	--	Sept 1959	.92	52.2	*.742	66	.74	1,100	
	do	do	do	--	--	Jan. 1961	1.33	52.2	*.742	66	0	0	
31-25	Honey Creek No. A-4	do	do	.355	.346	Aug. 1957	--	64.9	*.724	--	--	--	SOS
	do	do	do	--	--	Oct. 1958	1.17	63.5	*.708	66	3.52	5,100	
	do	do	do	--	--	Aug. 1959	.83	63.4	*.706	66	.71	1,000	
	do	do	do	--	--	Jan. 1961	1.42	63.3	*.706	66	0	0	
31-26	Honey Creek No. F-1	do	do	1.213	1.2	Nov. 1955	--	184	*.6	--	--	--	SOS
	do	do	do	--	--	Oct. 1958	2.92	181	*.59	66	.77	1,100	
	do	do	do	--	--	Oct. 1959	1	179	*.584	66	2.02	2,900	
	do	do	do	--	--	Jan. 1961	1.25	173	*.564	66	0	0	
31-27	Honey Creek No. E-1	do	do	.478	.47	July 1955	--	142	*1.175	--	--	--	SOS
	do	do	do	--	--	June 1958	2.92	140	*1.158	66	1.55	1,900	
	do	do	do	--	--	Sept 1959	1.25	138	*1.142	66	2.61	3,625	
	do	do	do	--	--	Jan. 1961	1.33	138	*1.142	66	0	0	
31-28	Honey Creek No. I-1	do	do	.503	.495	Nov. 1955	--	106	*.833	--	--	--	SOS
	do	do	do	--	--	Oct. 1958	2.92	105	*.826	66	.85	1,200	
	do	do	do	--	--	Sept 1959	.92	104	*.816	66	2.22	3,200	
	do	do	do	--	--	Jan. 1961	1.33	104	*.818	66	0	0	
31-29	Miller Ranch	Unnamed Trib.	Miller, Kans.	.71	.7	Nov. 1936	--	52.72	--	--	--	--	SOS
	do	do	do	--	--	Sept 1955	18.8	37.63	--	52.7	1.13	1,297	
31-30	Nolte	Trib. of Wolf River	Hiawatha, Kans.	.42	.42	May 1951	--	3/7.35	--	--	--	--	SOS
	do	do	do	--	--	Oct. 1955	4	5.67	--	68.43	1.12	1,669	
31-31	Prairie Lake	Unnamed Trib.	Holton, Kans.	1.49	1.4	Oct. 1947	--	721.7	--	--	--	--	SOS
	do	do	do	--	--	Oct. 1955	8	653.1	--	54.3	6.12	7,197	
31-32	Nyhart	do	Effingham, Kans.	.16	.15	Oct. 1949	--	3/49.4	--	--	--	--	SOS
	do	do	do	--	--	Oct. 1957	7.9	46.3	--	*60	2.4	3,136	
31-33	Sabetha Lake	Deer Cr. Trib. Nemaha	Sabetha, Kans.	9.17	8.99	Jan. 1936	--	1,934	.804	--	--	--	ARS
	do	do	do	--	--	June 1951	15.5	1,310	.544	54.7	4.48	5,337	
	do	do	do	--	--	Aug. 1952	1.2	1,234	.513	53.7	7.04	6,980	
	do	do	do	--	--	Oct. 1953	1.1	1,259	.523	58	7/-2.32	--	
	do	do	do	--	--	Apr. 1955	1.5	1,206	.501	54.1	3.93	379	
	do	do	do	--	--	Apr. 1956	1	1,205	.501	55	.11	1,720	
	do	do	do	--	--	Apr. 1958	2	1,200	.499	56.2	.28	1,400	
	do	do	do	--	--	July 1960	2.3	1,117	.464	54.6	4.02	3,567	

1/ Total drainage area (exclusive of closed Devils Lake Basin with drainage area of 3,940 sq. mi.).
2/ About 2,150 sq. mi. of the total drainage area shown is also noncontributing.
3/ Water supply pool capacity. Reservoir has greater capacity at spillway crest elevation.
4/ Water diverted from basin after June 1930.
5/ Excluding area of lake and 0.31 sq. mi. above stock pond.
6/ Reservoir silted full Dec. 1936; Crest raised June 1937; silted full again Dec. 1940; crest raised again May 1945; silted full again May 1949. Age computed as 6.9 yr.
7/ Minus (-) indicates scour or compaction (treated as negative sediment).
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG ANN INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC-FT	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			MISSOURI RIVER BASIN (NEBRASKA CITY TO HERMAN) (Continued)										
31-34	Sutter	Unnamed	Effingham, Kans.	.17	.16	Jan. 1950	--	1/53.2	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1957	7.7	50.86	--	*60	1.88	2,457	
31-35	Shirley Pond	do	Lawrence, Kans.	.18	.18	Mar. 1939	--	20.66	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1956	17.7	19.05	--	36.7	.51	1,058	
31-36	Trentman	do	Fairview, Kans.	.15	.15	May 1947	--	1/3.75	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	8.4	2.42	--	[illegible]	.9	1,[illegible]	
31-37	Thorne	do	Effingham, Kans.	1.17	1.16	Sept 1946	--	1/23.15	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	11	17.7	--	*60	.9	1,176	
31-38c	Ashland Reservoir	Brushy Creek	Ashland, Mo.	3.78	3.75	Apr. 1937	--	280.48	--	--	--	--	ARS
	do	do	do	--	--	Nov. 1949	12.6	212.01	--	69	1.44	2,178	
	do	do	do	--	--	Apr. 1951	1.4	208.14	--	68	.73	807	
	do	do	do	--	--	July 1955	4.3	202.23	--	*68	.36	543	
	do	do	do	--	--	June 1962	6.9	186.07	--	69.4	.62	1,038	
	do	do	do	--	--	July 1968	6.1	171.52	--	64.7	.62	614	
	do	do	do	--	--	July 1971	3	153.24	--	62.8	1.63	1,870	
31-39	Higginsville Old City L.	Trib. of Davis Creek	Higginsville, Mo.	2.728	2.633	Sept 1924	--	520	--	--	--	--	ARS
	do	do	do	--	--	July 1964	39.8	304	--	55.94	2.061	2,511	
31-40	Huscher	Trib. of Brush Creek	do	.334	2/.181	Oct. 1950	--	32.26	--	--	--	--	ARS
	do	do	do	--	--	Aug. 1964	13.8	25.55	--	58.74	2.686	3,436	
31-41	Mitchell	Trib. Washington Creek	Lawrence, Kans.	.119	.117	Oct. 1949	--	7.94	--	--	--	--	SCS
	do	do	do	--	--	June 1962	12.67	6.73	--	56.8	.85	1,051	
31-42	McNees	do	Clinton, Kans.	.61	.58	Jan. 1950	--	6.77	--	--	--	--	SCS
	do	do	do	--	--	May 1962	12.4	6.26	--	47.9	.07	73	
31-43	Kennedy	Trib. Wakarusa River	Richland, Kans.	.23	.22	Apr. 1937	--	61.19	--	--	--	--	SCS
	do	do	do	--	--	May 1962	25.1	54.27	--	46.7	1.27	1,294	
31-44	Gertsenberger	do	Eudora, Kans.	.125	.122	May 1955	--	1/7.52	--	--	--	--	SCS
	do	do	do	--	--	June 1962	7.1	5.68	--	56.2	2.13	2,609	
31-45	Lake Elbow	Trib. of Kansas River	Manhattan, Kans.	3.2	3.14	Spr. 1949	--	206	.303	--	--	--	SCS
	do	do	do	--	--	Sept 1965	16.33	176	.259	75	.58	947	
31-46	Rokey	Trib. of Nemaha River	Sabetha, Kansas	.284	.28	May 1956	--	1/13.97	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1962	5.9	11.32	--	50.7	1.61	1,777	
31-47a	Callahan Cr. Wshd. (C-1)	Barclay Branch	Columbia, Mo.	5.625	5.515	Apr. 1967	--	1,017.07	--	--	--	--	ARS
	do	do	do	--	--	Aug. 1967	.25	1,010.8	--	41.6	4.57	4,144	
	do	do	do	--	--	Aug. 1969	2	989.3	--	53	1.94	2,379	
	do	do	do	--	--	July 1971	1.9	974.9	--	58.2	1.36	2,059	
	do	do	do	--	--	June 1974	2.9	948.7	--	64.4	1.64	2,655	
31-48	Wakefield	Trib. Marias Des Cygnes	Mound City, Kans.	.83	.82	-- 1936	--	19.67	.05	--	--	--	SCS
	do	do	do	--	--	July 1967	31	11.06	.03	*60	.34	444	
31-49	Pool	Trib. Elk Creek	Circleville, Kans.	.16	.16	Oct. 1958	--	18.07	.39	--	--	--	SCS
	do	do	do	--	--	July 1968	9.75	16.18	.35	*60	1.19	1,555	
31-50	Richter	Trib. Straight Creek	Holton, Kans.	.28	.27	Fall 1957	--	64.36	.8	--	--	--	SCS
	do	do	do	--	--	July 1968	11	59.98	.74	*60	1.47	1,921	
31-51	Reamer	do	do	.23	.23	July 1956	--	31.26	.47	--	--	--	SCS
	do	do	do	--	--	July 1968	12	27.3	.41	*60	1.43	1,869	
31-52	Rogers	Big Sugar	Garrett, Kans.	1.17	1.16	-- 1936	--	22.8	.049	--	--	--	SCS
	do	do	do	--	--	June 1967	31	14.1	.03	67	.24	350	
31-53	Lemon	Trib. of Elm Creek	Parker, Kans.	.19	.19	June 1961	--	6.7	.08	--	--	--	SCS
	do	do	do	--	--	July 1967	6	6.16	.08	60	.47	614	
31-54	Elko Camera Reservoir	Trib. Bull Creek	Gardner, Kans.	.77	.69	July 1960	--	204.3	.607	--	--	--	SCS
	do	do	do	--	--	Sept 1970	10.2	191.1	.568	*60	1.88	2,457	
31-55	Oberhelmon Pond	do	Edgerton, Kans.	.57	.5	Sept 1960	--	14.883	.001	--	--	--	SCS
	do	do	do	--	--	Sept 1970	10	11.05	.045	*[illegible]	.77	1,000	
31-56	Richmond Lake	Dry Branch	Richmond, Kans.	.86	.54	-- 1955	--	252.86	[illegible]	--	--	--	SCS
	do	do	do	--	--	July 1967	12	222.06	.15	*60	1.07	1,398	
31-57	Hill Pond	Trib. Little Sugar	Parlinville, Kans.	.36	.27	Feb. 1955	--	46.22	.25	--	--	--	SCS
	do	do	do	--	--	July 1967	12	42.87	.24	*60	.76	993	
31-58	Johnson Pond	do	Blue Mound, Kans.	.94	.93	-- 1936	--	24.03	.05	--	--	--	SCS
	do	do	do	--	--	July 1967	31	17.3	.039	*60	.24	313	
31-59	Bailey Reservoir	Trib. Grindstone	Sturgen, Mo.	.367	.352	Sept 1965	--	92.7	--	--	--	--	ARS
	do	do	do	--	--	Sept 1967	2	91	--	--	2.4	--	
	do	do	do	--	--	Sept 1975	8	87.7	--	42	1.16	--	
31-60	Bethany	Big Creek	Bethany, Mo.	1.041	.928	June 1960	--	1,313.9	4.73	--	--	--	SCS
	do	do	do	--	--	July 1973	13.1	1,271.6	4.58	54.2	.35	411	
31-61	Eugene Wagner Stock Pond	Trib. Dawson Creek	Easton, Kans.	.62	.62	Sept 1956	--	3/44.29	.21	--	--	--	SCS
	do	do	do	--	--	Aug. 1973	16.85	20.75	.097	*70	2.25	3,435	

31-62	Geo. Stigleaire Stock Pd	Trib. Jarbalo Creek----	McLouth, Kans.---	.58	.58	Aug. 1958	--	3/40.59	.2	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	Aug. 1973	15	22.5	.11	*70	2.08	3,170	
31-63	John DeFries Stock Pond-	Trib. Stranger Creek---	Tonganoxie, Kans.	.20	.20	June 1960	--	3/64.08	.92	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	June 1963	13	57.20	.83	*70	2.65	4,034	
31-64	John Phillips Reservoir-	Trib. Conner Creek-----	Wolcott, Kans.---	.11	.11	Apr. 1966	--	3/12.36	.32	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1973	7.25	10.35	.27	*70	2.62	3,843	
31-65	John Willits Farm Pond--	Trib. Buck Creek-------	Oskaloosa, Kans.-	.33	.33	Apr. 1961	--	3/7.44	.07	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1973	12.3	2.23	.02	*70	1.28	1,957	
31-66	Lake Dabinawa-----------	Mud Creek--------------	Lawrence, Kans.--	3.60	3.47	Dec. 1958	4/--	3/1,060	.92	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	June 1974	15.5	940	.82	*70	2.23	3,401	
31-67	Max Rieke Stock Pond----	Trib. Kansas River-----	Desoto, Kans.----	.41	.41	June 1964	--	3/428.41	2.45	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	Aug. 1973	9.17	425.00	2.43	*70	.91	1,383	
31-68	Michael Pavicich Res.---	Trib. Betts Creek------	Edwardsville, Kans.	.16	.16	Oct. 1971	--	3/54.26	.98	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1973	1.75	53.65	.97	*70	2.18	3,322	
31-69	Oran Harvey Stock Pond--	Trib. Tonganoxie Creek-	Tonganoxie, Kans.	.23	.23	Nov. 1963	--	3/23.20	.29	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1973	9.33	14.06	.18	*70	4.26	6,494	
31-70	S. Fk. Blackwater Site A-1	Branch South Fork------	Kinsville, Mo.---	2.62	2.52	Aug. 1964	--	490.6	.439	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	June 1975	10.8	456.0	.438	51.38	1.27	1,421	
			SMOKY HILL AND LOWER REPUBLICAN RIVER BASINS										
32-1	Ottawa County State Lake	Sand Creek-------------	Bennington, Kans.	20.47	20.26	-- 1929	--	1,001	--	--	--	--	[illegible]
	-----do-----------------	-----do---------------	-----do----------	--	--	Apr. 1937	8	930	--	--	.438	--	
32-2	Sheridan Co. State Lake-	Saline River-----------	Quinter, Kans.---	493	463	Aug. 1937	--	777	--	--	--	--	BR
	-----do-----------------	-----do---------------	-----do----------	--	--	Aug. 1948	10.8	436	--	66.5	.0681	90	
32-3a	Kanopolis---------------	Smoky Hill River-------	Kanopolis, Kans.-	7,860	5/2,560	July 1946	--	446,000	--	--	--	--	CE
	-----do-----------------	-----do---------------	-----do----------	--	--	Sept 1960	14.2	436,320	--	*50	.27	224	
32-4	Allington Reservoir-----	Sicily Creek-----------	Beatrice, Nebr.--	.52	.512	-- 1936	--	33.104	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1956	20	14.704	--	*65	1.77	2,506	
32-5	Barnard Farm Reservoir--	Indian Creek-----------	-----do----------	.675	.661	Aug. 1947	--	30.5	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	May 1956	8.75	22.22	--	*65	1.4	1,982	
32-6	Evers Reservoir---------	Trib. Little Blue River	Hubbell, Nebr.---	.175	.171	-- 1937	--	8.058	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1958	21	2.301	--	*65	1.566	2,217	
32-7	Fling Estate------------	-----do---------------	-----do----------	.108	.103	-- 1945	--	18.686	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1958	13	13.852	--	*65	3.44	4,870	
32-8	Hansmire Reservoir------	-----do---------------	Reynolds, Nebr.--	--	--	-- 1948	--	5.943	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1958	10	3.641	--	*65	2.56	3,624	
32-9	Kapke Reservoir---------	-----do---------------	Gladstone, Nebr.-	.306	.302	-- 1913	--	9.806	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1958	45	5.179	--	*65	.337	477	
32-10	Kuhns Reservoir No. 1---	Bloody Run-------------	Virginia, Nebr.--	.422	.404	-- 1899	--	70.7	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1956	57	30.8	--	*70	1.66	2,531	
32-11	Kuhns Reservoir No. 2---	-----do---------------	-----do----------	.102	.099	-- 1946	--	9.67	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1956	10	8.06	--	*65	1.58	2,237	
32-12	Onner Reservoir---------	Trib. Little Blue River	Gladstone, Nebr.-	.292	.283	-- 1946	--	5.587	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1958	12	3.735	--	*65	.527	746	
32-13	Peithman Reservoir------	-----do---------------	Hubbell, Nebr.---	.216	.212	-- 1950	--	9.934	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1958	8	5.574	--	*65	2.523	3,572	
32-14	Wit Reservoir-----------	-----do---------------	-----do----------	.191	.187	-- 1946	--	12.274	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	-- 1958	12	6.522	--	*65	2.508	3,551	
32-15a	Woody Hereford Ranch----	Unnamed Trib.----------	Lincoln, Kans.---	1.2	1.19	Nov. 1936	--	41.6	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	Sept 1955	19	23.6	--	*60	.79	1,032	
32-16a	Daugherty---------------	-----do---------------	Russell, Kans.---	.97	.96	Sept 1947	--	22.5	.435	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	Sept 1955	8	16.1	.311	*60	.65	1,065	
32-17	Lost Creek D-1----------	Trib. of Lost Creek----	Lincoln, Kans.---	1.56	1.52	Jan. 1957	--	1/92.43	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1962	5.5	86.67	--	47.1	.69	708	
32-18	Jepson------------------	Trib. Spillman Creek---	-----do----------	1	1	May 1953	--	1/47.73	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1962	9.2	39.44	--	61.2	.9	1,200	
32-19	Wilson Bros.------------	Trib. of Saline River--	-----do----------	.22	.21	Sept 1950	--	1/9.51	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1962	11.8	8.28	--	*60	.46	627	
32-20	Zvolanek----------------	-----do---------------	-----do----------	.222	.22	Nov. 1953	--	1/16.65	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1962	8.75	15.23	--	70.6	.73	1,122	
32-21	Ekstrum-----------------	Trib. of Timber Creek--	Vliets, Kans.----	.16	.15	July 1956	--	1/15.29	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	May 1962	5.8	14.14	--	80.9	1.33	2,344	
32-22	Cornelson---------------	Trib. Black Vermillion-	-----do----------	.125	.12	June 1956	--	1/8.16	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	May 1962	5.9	5.84	--	68.6	3.25	4,500	
32-23	Droge-------------------	Unnamed Trib.----------	Bern, Kans.------	.35	.34	July 1958	--	1/27.[illegible]	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	May 1962	[illegible]	25.45	--	[illegible]	1.44	[illegible]	
32-24	Robson------------------	Trib. of Holland Creek-	Elmo, Kans.------	.156	.152	June 1956	--	1/10.51	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	June 1962	6	9.68	--	75.6	.92	1,515	
32-25	Jacobson----------------	Trib. of Turkey Creek--	Dayton, Kans.----	.211	.206	July 1950	--	11.78	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	June 1962	12	5.16	--	62.9	2.67	3,658	
32-26	Pray--------------------	-----do---------------	Elmo, Kans.------	.128	.127	Dec. 1954	--	1.78	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	June 1962	7.6	1.47	--	55.7	.31	376	
32-27	Rock--------------------	Trib. Smoky Hill River-	Navarre, Kans.---	.56	.544	Oct. 1954	--	4.88	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	July 1962	7.75	2.71	--	53.4	.51	593	
32-28	Dodd--------------------	Trib. of Dutch Creek---	Centralia, Kans.-	.64	.63	Oct. 1953	--	1/74.07	--	--	--	--	SCS
	-----do-----------------	-----do---------------	-----do----------	--	--	May 1962	8.6	65.34	--	53.2	1.62	1,878	
32-29	Harlan County Lake------	Republican River-------	Republican City, Nebraska-------	20,753	6/7,169	July 1951	--	852,700	2.04	--	--	--	CE
	-----do-----------------	-----do---------------	-----do----------	--	--	Sept 1962	11.25	840,600	2.01	72	.116	182	
	-----do-----------------	-----do---------------	-----do----------			Apr. 1972	9.67	828,800	1.98	62	.16	189	

1/ Water supply pool capacity. Reservoir has greater capacity at spillway crest elevation.
2/ Excludes conservation pool area and terraced area of watershed.
3/ Conservation Pool.
4/ Emergency and principle spillway raised two feet in June 1959.
5/ 7,860 prior to closure of Cedar Bluff Dam Sept. 1950.
6/ Corrected for upstream Reservoirs.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			SMOKY HILL AND LOWER REPUBLICAN RIVER BASINS (Continued)										
32-30	Grant Tozier----------	Trib. of Saline River--	Beverly, Kans.----	.99	.96	Mar. 1952	--	1/71.9	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1955	13.6	60.9	--	*72	.84	1,317	
32-31	Heikes Pond----------	Trib. Elk Creek--------	Lenora, Kans.-----	1.84	1.83	Oct. 1957	--	32	.466	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1970	12.8	24.59	.356	*75	.32	523	
32-32	Finney Pond----------	Trib. Third Creek------	Simpson, Kans.----	1.39	1.27	Oct. 1960	--	122.5	1.003	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	9.7	116	.951	*80	.53	923	
32-33	Chrisler Pond----------	Trib. Saline River-----	Victoria, Kans.---	1.01	.26	Dec. 1956	--	59.66	1.055	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	13.6	56.93	1.02	*60	.77	1,004	
32-34	Chancy Pond----------	Trib. Dry Creek--------	Delphos, Kans.----	1.08	.92	Dec. 1956	--	108.11	.939	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	13.5	99.11	.862	*60	.72	947	
32-35	Bruna Pond----------	Trib. Little Blue------	Washington, Kans.-	1.2	1.16	Apr. 1956	--	86.033	.395	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	13.3	78.19	.36	*75	.51	831	
32-36	Burger Pond----------	Trib. Buffalo Creek----	Randall, Kans.----	.59	.57	June 1953	--	22.68	.38	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	17	11.51	.195	*65	1.15	1,632	
32-37	Duvall Pond----------	Trib. Saline River-----	Bunker Hill, Kans.	1.77	1.41	Dec. 1960	--	104.86	.855	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	9.6	103.17	.846	*75	.12	204	
32-38	Jansonius Pond----------	Trib. of Wolf Creek----	Prairie View,Kans.	1.31	1.1	Nov. 1954	--	100	1.68	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	15.7	91	1.54	*65	.52	733	
32-39	Jesse Pond----------	Trib. Smoky Hill River-	Arnold, Kans.-----	.93	.92	Dec. 1944	--	23.42	.556	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1970	25.7	21.25	.506	*80	.09	158	
32-40	King Pond----------	Trib. Mortimer Creek---	Glasco, Kans.-----	1.03	.57	Nov. 1960	--	47.3	.453	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	9.6	45.3	.431	*65	.36	507	
32-41	Kinsey Pond----------	Trib. Buffalo Creek----	Mankato, Kans.----	.77	.71	Sept 1950	--	91.9	1.279	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	19.8	88.4	1.194	*65	.25	348	
32-42	Lee Pond----------	Trib. Saline River-----	Tescott, Kans.----	.85	.82	Apr. 1952	--	152.4	1.868	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	18.2	146.3	1.784	*55	.41	492	
32-43	Lindsley Pond----------	Trib. Mill Creek-------	Morrowville, Kans.	.72	.65	Oct. 1960	--	39.2	.319	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	9.7	35.8	.291	*70	.53	811	
32-44	Lloyd Pond----------	Trib. Republican River-	Scandia, Kans.----	.85	.84	July 1932	--	20.15	.193	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	38	8.12	.076	*70	.38	575	
32-45	Lovell Pond----------	Beaver Creek----------	Franklin, Nebr.---	2.15	2.70	July 1951	--	135.75	.357	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	19	55.66	.720	*65	.78	1,106	
32-46	Mellenkamp Pond---------	Trib. Saline River-----	Culver, Kans.----	6.15	6.10	Apr. 1961	--	70.8	.366	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1970	9.3	79.4	.324	*65	.2	277	
32-47	North Pond----------	Trib. Smoky Hill River-	McCracken, Kans.--	2.43	.91	Mar. 1955	--	96.83	.651	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	15.3	91.55	.614	*65	.38	537	
32-48	Raleigh Pond----------	Trib. Salt Creek-------	Agenda. Kans.-----	.9	.8	Mar. 1964	--	81.5	.653	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	6.3	79.4	.635	*60	.42	544	
32-49	Sanger Pond----------	Trib. S. F. Solomon R.-	Morland, Kans.----	2.53	2.32	Mar. 1954	--	332.12	3.519	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1970	16.4	307.5	3.271	*65	.65	917	
32-50	Skucius Pond----------	Trib. Rose Creek-------	Munden, Kans.-----	1.61	1.61	July 1954	--	12.896	.058	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	16	6.8	.03	*70	.24	361	
32-51	Schurle Pond----------	Trib. Mall Creek-------	Green, Kans.------	.73	.67	Nov. 1960	--	127.1	1.088	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1970	9.6	123.3	1.053	*60	.59	767	
32-52	Walz Pond----------	Trib. Saline River-----	Ogallah, Kans.----	3.93	3.8	Aug. 1958	--	69.32	.389	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1970	12	63.64	.357	*60	.12	162	
32-53	Woelhoff Pond----------	Trib. Five Creek-------	Morganville, Kans.	.61	.59	June 1954	--	29.05	.331	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	16.1	24.52	.278	*65	.48	680	
32-54	Herington City Lake-----	Lyons Creek----------	Herington, Kans.--	17.24	16.93	May 1922	--	2,180	.68	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1966	44	1,455	.45	*70	.96	1,463	
			UPPER REPUBLICAN, NORTH PLATTE, RIVER BASINS (FT. LARAMIE TO NORTH PLATTE) AND SOUTH PLATTE RIVER BASIN (SUBLETTE TO NORTH PLATTE)										
33-1	Wellfleet----------	Medicine Creek---------	Wellfleet, Nebr.--	2/15	14.89	Oct. 1931	--	519	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1937	5.6	464	--	*65	.66	934	
33-2	Lockhart Farm Pond------	Trib. of N. Platte R.--	Gering, Nebr.-----	3/2.564	2.558	Aug. 1939	--	15.64	.229	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1952	12.9	8.83	.129	57.3	.206	257	
33-3a	Harry Strunk L. (Medicine Cr. Dam)--------	Medicine Creek---------	Cambridge, Nebr.--	656	653	Aug. 1949	--	92,817	1.691	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	2.16	90,920	1.656	71.4	1.34	2,084	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1962	11.17	88,663	1.615	70.3	.31	475	
33-4a	Plannagin Reservoir-----	Trib. Republican River-	Bartley, Nebr.----	.5	.497	-- 1940	--	9.71	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1956	16	4.89	--	*70	.602	918	

33-5a	Gallatin Reservoir------	Trib. of Beaver Creek--	Danberry, Nebr.---	3.44	3.09	Apr. 1946	--	419.5	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1956	10.4	381.6	--	*70	1.18	1,800	
33-6	Klein Reservoir---------	Trib. Republican River-	McCook, Nebr.------	1.59	1.57	-- 1936	--	106.2	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1956	20	56	--	*70	1.58	2,409	
33-7	Dempcy Pond----------	Trib. of E. Curtis Cr.-	Moorefield, Nebr.-	*.516	.51	June 1949	--	11	--	--	--	--	ARS
	-----do----------	-----do----------	-----do----------	--	--	July 1953	4	10.1	--	--	.447	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1958	4.9	9.12	--	75.6	.392	645	
33-8a	Reichelt Stock Pond-----	Unnamed----------	Julesburg, Colo.--	.72	.71	Oct. 1950	--	22.12	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1957	7	20.69	--	80.4	.28	490	
33-9	Dozbaba Pond----------	Trib. Beaver Creek-----	Atwood, Kans.------	1.41	1.4	Nov. 1948	--	18.19	.968	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1970	21.8	9.74	.541	*70	.28	422	
33-10	Frickey Pond----------	Trib. Sappa Creek------	Norcatur, Kans.---	3.32	3.28	Dec. 1958	--	72.48	.683	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	11.6	63.17	.596	*60	.24	320	
33-11	Walker Pond----------	Trib. Beaver Creek-----	Atwood, Kans.------	4.78	4.77	Oct. 1948	--	20.96	.329	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1970	21.8	13.82	.215	*70	.07	105	
33-12	Stroud Pond----------	Trib. Jones Canyon Cr.-	McDonald, Kans.----	.83	.82	Nov. 1958	--	111.25	10.053	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1970	11.7	102.01	9.274	*70	.96	1,467	
33-13a	Franktown-Parker W-1 Wshd	Willow Creek----------	Castle Rock, Colo.	7.6	7.57	June 1963	--	387	1.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1967	4.6	337.4	1.04	--	1.42	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1973	6.9	308.3	1.	--	.56	--	
33-14	Bondegard Stock Pond----	Sedgewick Draw---------	Lodgepole, Nebr.--	1.5	1.5	-- 1952	--	27.68	1.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1967	15	23.88	1.04	*75	.17	277	
33-15	Albert Sauvage Stock Dam	Sappa Creek----------	Oberlin, Kans.-----	.83	.83	Jan. 1962	--	4/21.5	1.94	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1972	10.6	16.2	1.46	*70	.6	918	
33-16	Charley Deyle Stock Dam-	Big Timber Creek-------	Benkleman, Kans.--	.74	.74	Sept 1958	--	4/5.73	.58	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1972	13.9	3.53	.36	*70	.21	326	
33-17	Earl Brown Stock Dam----	Beaver Creek----------	Atwood, Kans.------	.99	.99	Apr. 1961	--	4/15.19	1.15	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1972	11.3	12.59	.95	*70	.23	354	
33-18	Frank Ruda Stock Dam----	Sappa Creek----------	-----do----------	1.28	1.28	Jan. 1962	--	4/12.7	.74	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1972	10.6	10.6	.62	*70	.15	236	
33-19	Glendo----------	North Platte----------	Glendo, Wy.--------	19,504	4,190	Oct. 1957	--	797,018	.69	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	May 1972	14.54	789,402	.68	*70	.13	198	
33-20	Howard Brothers Stock D.	Driftwood Creek--------	McDonald, Kans.----	2.89	2.89	Aug. 1959	--	4/26.58	.69	--	--	--	SCS
	-----do----------	-----d0----------	-----do----------	--	--	July 1972	12.9	14.18	.37	*70	.33	507	
33-21	Raymond Solko Wshd. Dam-	North Beaver----------	Atwood, Kans.------	1.24	1.24	Dec. 1962	--	4/6.33	.38	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1972	9.6	2.93	.18	*70	.29	436	
33-22	Scott Brown Dam---------	Sappa Creek----------	Rexford, Kans.----	1.98	1.98	Dec. 1960	--	4/9.63	.37	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1972	11.6	.9	.03	*70	.38	580	
33-23	W-6 Wray Watershed------	Unnamed----------	Wray, Colo.--------	1.7	1.67	May 1959	--	204.3	5.6	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1971	11.8	196.6	5.4	--	.39	--	

NORTH PLATTE RIVER BASIN (ABOVE FT. LARAMIE) SOUTH PLATTE RIVER BASIN (ABOVE SUBLETTE)

34-1	Castlewood----------	Cherry Creek----------	Denver, Colo.-----	167.2	166.9	-- 1890	--	3,834	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	5/Aug. 1933	43	3,126	--	77.5	.099	167	
34-2	Kenwood----------	-----do----------	-----do----------	387	386	Mar. 1936	--	9,602	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1938	2.25	9,710	--	75.6	.106	175	
	-----do----------	-----do----------	-----do----------	--	--	June 1939	1	9,424	--	--	.741	1,720	
34-3d	Guernsey Reservoir------	North Platte River-----	Guernsey, Wy.-----	15,034	575	Feb. 1929	--	73,810	--	--	--	--	TR
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1931	3.83	67,840	--	--	.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1933	2	65,050	--	--	.26	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1935	2	62,940	--	--	.2	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1937	2.1	60,930	--	--	.18	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1939	2	58,430	--	--	.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1941	2	56,600	--	--	.17	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1944	3	53,180	--	--	.21	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1947	3.5	49,150	--	--	.21	243	
	-----do----------	-----do----------	-----do----------	--	--	June 1957	9.92	44,800	--	60.7	.103	107	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1966	9.4	6/45,228	.0467	54	--	--	
34-4a	Lake Cheesman----------	South Platte R. and Goose or Lost Park Cr.	Deckers, Colo.----	1,765	1,460	Oct. 1900	--	79,064	.595	--	--	--	TR
	-----do----------	-----do----------	-----do----------	--	--	Sept 1931	31	77,958	.586	*70	.025	37	
34-5	Pathfinder----------	North Platte River-----	Alcova, Wy.--------	10,700	7/3,315	June 1909	--	1,056,300	--	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	July 1950	41.1	1,015,876	--	81.1	8/.078	9/138	
34-6	Seminoe----------	-----do----------	Leo, Wy.----------	7,348	7,317	-- 1939	--	1,020,000	1.158	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	11.5	1,012,000	1.149	*65	10/.108	10/153	
34-7	Englewood----------	Little Dry Creek-------	Littleton, Colo.--	9.4	9.25	-- 1936	--	1,282.3	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1956	19.5	1,215.2	--	--	.37	--	
34-8a	R-3 Kiowa Creek Wshd.---	Kiowa Creek----------	Elbert, Colo.------	2.92	2.89	July 1956	--	147.59	*.27	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1966	10	138.22	*.25	*80	.32	557	
34-9	Round Butte----------	Coal Creek----------	Wellington, Colo.-	11.7	11.6	-- 1905	--	831	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1965	60	785	--	69	.07	105	
34-10a	Q-51 Kiowa Creek Wshd.--	Kiowa Creek----------	Elbert, Colo.------	.56	.56	June 1957	--	32.3	*.31	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1966	9	30.17	*.29	*80	.43	749	
34-11	J-33 Kiowa Creek Wshd.--	-----do----------	Eastonville, Colo.	1.07	1.06	July 1956	--	42.55	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1965	9	42.05	--	*80	.05	87	
34-12	B-9 Kiowa Creek Wshd.---	-----do----------	Elbert, Colo.------	.65	.64	Dec. 1955	--	49.36	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1965	9.5	48.81	--	*80	.09	157	
34-13	Slab Canyon CCC---------	Slab Canyon----------	Wellington, Colo.-	3.15	3.08	July 1937	--	311.4	*1.85	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1968	30	288.3	*1.72	--	.25	--	

1/ Water supply pool capacity. Reservoir has greater capacity at spillway crest elevation.
2/ Excludes 28 sq. mi. of noncontributing drainage.
3/ Drainage area includes partial sediment trap for 0.133 sq. mi. and is estimated to retain 0.04 ac.-ft. of sediment per year.
4/ Conservation Pool.
5/ Dam failed in 1933; survey made in 1939.
6/ Gain in capacity due to sediments slucied from dam.
7/ Excludes 7,348 sq. mi. above Seminoe Dam, which was closed in April 1939.
8/ For period April 1939 - July 1950.
9/ For period June 1909 - July 1950.
10/ Below elevation 6,340 which is 17 ft. below spillway crest.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN SEDIMENT ACCUMULATION PER SQ MI OF NET DR. AREA FOR PERIOD SHOWN AC-FT	AVG. ANN SEDIMENT ACCUMULATION PER SQ MI OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
NORTH PLATTE RIVER BASIN (ABOVE FT. LARAMIE) SOUTH PLATTE RIVER BASIN (ABOVE SUBLETTE) (Continued)													
34-14	Coalbank Cr. Wshd. CB-1-	Coalbank Creek---------	Pierce, Colo.-----	27	26.8	June 1962	--	2,147.4	3.7	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1971	9	2,134.9	3.7	--	.05	--	
MISSOURI RIVER BASIN (ABOVE BLAIR TO NEBRASKA CITY) PLATTE RIVER BASIN (BELOW NORTH PLATTE)													
35-1	Otto Baak----------	Trib. Soldier River----	Ricketts, Iowa----	.159	.157	Sept 1944	--	1/6.91	*.177	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	4.6	2.28	*.058	54.9	6.41	7,670	
35-2	Fred Brown----------	Trib. of Willow River--	Logan, Iowa--------	.1	.097	June 1941	--	1/11.89	*.594	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	7.9	4.61	*.25	63.2	9.51	13,080	
35-3	William Esbeck----------	Trib. Elkhorn Creek----	Elkhorn, Iowa-----	.208	.204	May 1940	--	1/12.6	*.238	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	9	4.51	*.087	56.2	4.41	5,390	
35-4	G. & A. Evers Lower Res.	Trib. of Boyer River---	Denison, Iowa-----	.167	.159	Dec. 1933	--	1/6.03	*.153	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	10.5	1.26	*.026	69.0	3.75	5,700	
35-5	G. & A. Evers Upper Res.	-----do----------	-----do----------	.045	.044	Mar. 1939	--	1/1.9	*.158	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	10.1	.22	*.018	71.4	3.77	5,870	
35-6	Charles Fienhold--------	-----do----------	Dunlap, Iowa------	.428	.425	May 1945	--	1/12.63	*.123	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	3.9	2.9	*.028	63.1	5.87	8,070	
35-7a	C. T. Gaad----------	Trib. E. Nishnabotna R.	Stennett, Iowa----	.081	.079	Dec. 1940	--	14.48	*.762	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	8.4	12.82	*.675	63.9	2.51	3,492	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.1	11.98	*.631	57.9	3.43	4,330	
35-8	Otto Goslar----------	Trib. Middle Soldier R.	Charter Oak, Iowa-	.089	.086	May 1940	--	1/10.18	*.485	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1949	8.8	8.29	*.395	68.8	2.5	3,750	
35-9	Thomas Hodkin----------	Trib. of Boyer River---	Dow City, Iowa----	.13	.127	Aug. 1941	--	1/19.39	*.558	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	2/2.8	.21	*.006	83.2	53.9	97,740	
35-10	Fred Hollrah----------	Trib. of Willow Creek--	Ute, Iowa---------	.217	.213	Aug. 1944	--	1/18.98	*.365	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1949	4.6	12.76	*.245	58.5	6.35	8,060	
35-11b	Jones Creek----------	Jones Creek----------	Pisgah, Iowa------	2.26	2.23	Feb. 1942	--	254.2	*.527	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1949	6.9	221.8	*.46	47.8	2.11	2,197	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1.7	211.5	*.439	*61.8	2.68	3,620	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1953	2.3	199.2	*.413	61.8	2.4	3,230	
35-12a	Emma La Frontz----------	Trib. of Boyer River---	Denison, Iowa-----	.155	.152	May 1942	--	15.28	*.577	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	6.9	10.38	*.392	56.7	4.67	5,767	
	-----do----------	-----do----------	-----do----------	--	--	July 1953	4.2	9.47	*.357	62	1.41	1,904	
35-13	Jenson-O'Neil Farm Pond-	Trib. L. Nemaha River--	Syracuse, Nebr.---	.199	.193	Nov. 1936	--	23.7	*.658	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1948	12	16.8	*.467	56.9	2.97	3,680	
35-14	Peterson Farm Pond------	-----do----------	-----do----------	.075	.074	Oct. 1936	--	2.06	*.158	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1948	11.75	.16	*.012	59.7	2.19	2,850	
35-15b	Alfred Lage----------	Trib. of Elk Creek-----	Aspinwall, Iowa---	.184	.182	June 1941	--	11.23	*.229	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	7.8	8.56	*.172	53.2	1.88	2,180	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.2	7.14	*.146	51.9	2.42	2,735	
35-16a	Herman Lage----------	-----do----------	-----do----------	.038	.036	July 1941	--	12.07	*1.207	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	7.8	10.83	*1.083	54.8	4.417	5,270	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.2	8.98	*.898	49.5	16.1	17,358	
35-17a	Howard Mattson----------	Trib. of Boyer River---	Denison, Iowa-----	.1	.098	July 1944	--	16.44	*.961	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	4.8	12.56	*.735	69.1	8.26	12,431	
	-----do----------	-----do----------	-----do----------	--	--	July 1953	4.3	5.71	*.334	87.1	16.3	30,900	
35-18a	Wilbur Meyer----------	-----do----------	-----do----------	.297	.293	Nov. 1944	--	43.8	*.575	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	4.4	37.33	*.491	56.3	5.02	6,160	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.2	34.63	*.456	56.1	2.58	3,520	
35-19a	Max Miller No. 1--------	Trib. W. Nishnabotna R.	Macedonia, Iowa---	.223	.218	Nov. 1941	--	43.84	*.677	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	7.5	35.46	*.700	65.2	5.12	7,280	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.1	32.1	*.642	69.7	4.95	7,520	
35-20b	Max Miller No. 5--------	-----do----------	-----do----------	.233	.228	Nov. 1941	--	53.19	*1.023	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1949	7.5	41.94	*.807	72.6	6.58	10,405	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.1	41.06	*.79	74.5	1.23	1,996	
35-21a	Barney Wundt----------	Trib. of Boyer River---	Denison, Iowa-----	.336	.33	Oct. 1944	--	41.35	*.481	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1949	4.5	33.08	*.385	54.8	3/5.66	3/6,750	
	-----do----------	-----do----------	-----do----------	--	--	June 1952	3.2	29.22	*.34	55.5	3/3.67	3/4,440	

35-22a	Tracy North	do	Vail, Iowa	.245	.238	Nov. 1939	--	48.64	*1.161	--	--	--	SCS
	do	do	do	--	--	Mar. 1949	9.4	40.04	*.956	52.7	3.84	4,410	
	do	do	do	--	--	July 1953	4.3	37.41	*.893	55.7	2.57	3,120	
35-23	Lake Ericson	Cedar River	Ericson, Nebr.	4/500	41	May 1915	--	1,652	--	--	--	--	BP
	do	do	do	--	--	Apr. 1948	32.9	1,066	--	80	.434	756	
35-24a	Roe Farm Pond	Trib. Turkey Creek	Dannebrog, Nebr.	.18	.18	July 1947	--	*1	*.104	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	5	*.643	*.067	*65	.39	552	
35-25	Howe Farm Pond	Trib. Dead Horse Creek	Loup City, Nebr.	1.8	1.79	Aug. 1948	--	15.6	*.163	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	5	15.0	*.145	*65	.2	283	
35-26	Woller Farm Pond	Trib. of Oak Creek	Farwell, Nebr.	.358	.354	Aug. 1949	--	15.4	*.611	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	4	14.59	*.757	*65	.71	1,005	
35-27	Ruzicka Farm Pond	do	do	.27	.26	Aug. 1949	--	20.74	*2.155	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	4	28.03	*1.947	*65	2.62	3,709	
35-28	Brehmer Reservoir	Trib. L. Nemaha River	Dunbar, Nebr.	.184	.18	-- 1952	--	11.78	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	5	9.93	--	*65	2.01	2,846	
35-29	Cook Reservoir	Trib. of Papillion Cr.	Arlington, Nebr.	.391	.383	-- 1934	--	29.4	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	23	21.1	--	*65	.921	1,304	
35-30a	Ingwerson Reservoir No.1	Turkey Creek	Louisville, Nebr.	.211	.203	-- 1952	--	12.17	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	5	10.19	--	*65	1.89	2,676	
35-31	Ingwerson Reservoir No.2	do	do	.074	.073	-- 1952	--	.72	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	5	.19	--	*65	1.43	2,024	
35-32	Ingwerson Reservoir No.3	do	do	.335	.331	-- 1954	--	18.73	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	3	17.01	--	*65	1.71	2,421	
35-33	Kruse Reservoir	Papillion Creek	Elkhorn, Nebr.	.8	.779	-- 1936	--	61.5	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	21	11.2	--	*65	2.99	4,233	
35-34	Lugn Reservoir	Unnamed	Douglas, Nebr.	.263	.257	-- 1946	--	12.8	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	11	4.33	--	*65	2.93	4,148	
35-35	Niebuer Reservoir	Trib. L. Nemaha River	Dunbar, Nebr.	.163	.158	-- 1949	--	14.48	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	8	10.92	--	*65	2.72	3,851	
35-36	O'Brien Reservoir	South Cedar Creek	Manley, Nebr.	.417	.412	-- 1937	--	22.09	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	20	7.28	--	*65	1.77	2,506	
35-37a	O'Neill Reservoir	Trib. L. Nemaha River	Syracuse, Nebr.	.14	.13	-- 1936	--	35.69	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	21	23.98	--	*65	4.29	6,073	
35-38	Pickrell Reservoir No. 1	Russell Creek	Unadilla, Nebr.	.336	.326	-- 1949	--	35.76	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	8	32.35	--	*65	1.27	1,798	
35-39	Pickrell Reservoir No. 2	do	do	.102	.1	-- 1954	--	3.18	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	3	2.96	--	*65	.725	1,026	
35-40	Pickrell Reservoir No. 3	do	do	.088	.086	-- 1939	--	5.04	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	18	1.4	--	*65	2.31	3,270	
35-41	Pickrell Reservoir No. 4	do	do	.114	.113	-- 1934	--	2.3	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	23	1.6	--	*65	.272	385	
35-42	Pollard Reservoir	Weeping Water Creek	Nehawka, Nebr.	.1	.098	-- 1936	--	7.63	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	21	4.38	--	*65	1.55	2,194	
35-43	Ross Farm Reservoir	N. Fork Little Fox R.	Otoe, Nebr.	.077	.074	-- 1948	--	8.12	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	9	6.71	--	*65	2.04	2,386	
35-44	Rowher Reservoir	Long Creek	Fort Calhoun, Nebr.	.3	.298	-- 1949	--	12.7	--	--	--	--	SCS
	do	do	do	--	--	-- 1957	8	4.12	--	*65	3.57	5,054	
35-45b	Mule Creek "A"	Trib. Nishnabotna River	Malvern, Iowa	.188	.177	July 1954	--	43.9	*1.109	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	2.33	42	*1.061	73.4	4.63	7,400	
	do	do	do	--	--	Sept 1957	.92	40.2	*1.015	73.4	11.4	18,200	
	do	do	do	--	--	Oct. 1958	1.08	39.6	*1	72.3	3.11	4,900	
	do	do	do	--	--	Jan. 1960	1.33	38.9	*.982	68.7	2.99	3,800	
	do	do	do	--	--	Dec. 1960	.92	36.5	*.922	60.3	14.5	19,000	
	do	do	do	--	--	Feb. 1962 5/1		36	*.909	6/60.3	2.99	3,940	
	do	do	do	--	--	Jan. 1963	.92	34.7	*.878	60.5	7.85	11,880	
	do	do	do	--	--	Jan. 1964	1	7/35.54	*.897	6/60.3	6/-4.06	--	
	do	do	do	--	--	Jan. 1965	1	34.45	*.87	6/60.3	5.2	8,140	
	do	do	do	--	--	Jan. 1966	1	31.37	.79	7/[illegible]	11.80	18,[illegible]	
	do	do	do	--	--	Jan. 1967	1	32.81	.82	7/[illegible]	8/-.26	--	
	do	do	do	--	--	Jan. 1968	1	0.9[illegible]	.76	7/[illegible]	10.01	14,[illegible]28	
	do	do	do	--	--	Mar. 1969	1.17	31.37	.792	9/75.5	8/-2.372	--	
35-46b	Mule Creek "B"	do	do	.383	.368	Aug. 1954	--	55.3	*.684	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	2.17	52.6	*.651	72.6	3.31	5,200	
	do	do	do	--	--	Sept 1957	.92	51.8	*.641	69.5	2.55	3,900	
	do	do	do	--	--	Oct. 1958	1.08	50.3	*.623	59.2	3.64	4,700	
	do	do	do	--	--	Jan. 1960	1.33	47.6	*.589	67.2	5.52	8,100	
	do	do	do	--	--	Dec. 1960	.92	47.1	*.583	55.3	1.55	1,900	
	do	do	do	--	--	Feb. 1962 5/1.08		45.1	*.558	6/55.3	5.11	6,150	
	do	do	do	--	--	Jan. 1963	.92	43.5	*.538	62.1	4.73	6,400	
	do	do	do	--	--	Jan. 1964	1	44.6	*.552	51.8	8/-2.88	--	
	do	do	do	--	--	Jan. 1965	1	42.7	*.528	51.8	4.92	5,550	
	do	do	do	--	--	Jan. 1966	1	36.5	*.452	51.8	16.91	19,080	
	do	do	do	--	--	Aug. 1966	.58	39.89	.494	51.8	8/-15.704	--	
	do	do	do	--	--	June 1969	2.75	40.059	.5	9/71.64	8/-.298	--	

1/ Water Supply pool. Reservoir has greater capacity at Spillway crest elevation.
2/ Reservoir silted full June 1944.
3/ Includes 0.13 ac.-ft. of sediment above emergency spillway.
4/ Area assumed to contribute surface runoff is 41 sq. mi.
5/ Adjusted to correct previous year's error.
6/ Based on December 1960 sample.
7/ Pond dry when surveyed.
8/ Minus (-) indicates scour or compaction (treated as negative sediment).
9/ Weight determined by gamma probe.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI OF NET DR. AREA FOR PERIOD SHOWN AC.-FT	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			MISSOURI RIVER BASIN (ABOVE BLAIR TO NEBRASKA CITY) PLATTE RIVER BASIN (BELOW NORTH PLATTE) (Continued)										
35-47b	Mule Creek "C"	Trib. Nishnabotna River	Malvern, Iowa	1/.910	.323	July 1954	--	76.2	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	2.33	7[illegible].3	--	5[illegible].7	5.28	3,900	
	do	do	do	--	--	Sept 1957	.92	[illegible]0.1	--	[illegible]3.2	15.5	22,300	
	do	do	do	--	--	Oct. 1958	1.08	67.8	--	60.6	3.9	5,100	
	do	do	do	--	--	Jan. 1960	1.33	66.9	--	61.2	1.98	2,700	
	do	do	do	--	--	Dec. 1960	.92	64.9	--	55.2	6.09	8,000	
	do	do	do	--	--	Feb. 1962	2/1	64.1	--	3/55.2	2.6	3,120	
	do	do	do	--	--	Jan. 1963	.92	61.6	--	58	8.42	10,640	
	do	do	do	--	--	Jan. 1964	1	63.59	--	57.8	4/-6.19	--	
	do	do	do	--	--	Jan. 1965	1	59.88	--	65.44	11.49	1,048	
	do	do	do	--	--	Mar. 1969	4.17	57.58	--	5/65.44	1.71	112	
35-48b	Mule Creek "P"	Trib. of Mule Creek	do	.063	.06	Oct. 1955	--	19.4	*1.47	--	--	--	SCS
	do	do	do	--	--	Nov. 1956	1.08	18.6	*1.409	77.2	13.3	22,400	
	do	do	do	--	--	Sept 1957	.83	17.7	*1.341	57.8	17.9	22,500	
	do	do	do	--	--	Sept 1958	1	17.6	*1.333	72.8	1.5	2,400	
	do	do	do	--	--	Jan. 1960	1.33	17.1	*1.295	44.5	5.93	5,[illegible]	
	do	do	do	--	--	Dec. 1960	.92	16.3	*1.235	56.5	15.3	18,900	
	do	do	do	--	--	Feb. 1962	1.17	16.1	*1.22	3/56.5	2.67	3,300	
	do	do	do	--	--	Jan. 1963	.92	15.4	*1.167	60.[illegible]	12.17	16,000	
	do	do	do	--	--	Jan. 1964	1	--	--	56	0	0	
	do	do	do	--	--	Jan. 1965	1	14.7	*1.114	54.3	11.43	13,500	
	do	do	do	--	--	Jan. 1966	1	13.7	*1.038	54.3	17.32	20,500	
	do	do	do	--	--	Jan. 1967	1	14.361	1.088	54.3	4/-7.767	--	
	do	do	do	--	--	Jan. 1968	1	13.793	1.045	54.3	9.467	11,196	
35-49c	Mule Creek "R"	do	do	.819	.796	Oct. 1955	--	103.422	.598	--	--	--	SCS
	do	do	do	--	--	Jan. 1967	11.25	79.87	.462	4[illegible]	2.35	2,658	
	do	do	do	--	--	Jan. 1968	1	74.77	.432	[illegible]	1.41	3,003	
	do	do	do	--	--	Feb. 1969	1.08	73.86	.427	2/60.27	1.06	13,425	
	do	do	do	--	--	Jan. 1974	4.92	72.28	.416	66.29	.4	582	
35-50	Niles Wallace Pond	Platte	Cozad, Nebr.	.81	.81	-- 1939	--	6/1.61	--	--	--	--	SCS
	do	do	do	--	--	Sept 1964	25	.72	--	104	.05	113	
35-51	Gayle Miller Pond	do	do	.94	.94	-- 1948	--	16.18	--	--	--	--	SCS
	do	do	do	--	--	Sept 1964	16	13.06	--	70	.21	320	
35-52	Kenneth Smith Pond	do	do	.49	.49	-- 1940	--	5.97	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1964	24	4.99	--	95	.08	166	
35-53	Wayne Bartleff Pond	do	do	1.13	1.13	-- 1940	--	15.7	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1964	24	12.7	--	95	.11	228	
35-54	Oak-Middle Cr. Wshd. Site 67-A	North Platte	Dwight, Nebr.	.89	.89	Jan. 1958	--	175.7	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1964	7	140.8	--	66	5.61	8,064	
			RIVER BASIN (NIOBRARA TO ABOVE BLAIR) JAMES AND BIG SIOUX RIVER BASINS										
36-1	Split Rock	Trib. Big Sioux River	Ihlen, Minn.	41.3	41.1	July 1948	--	809	*.314	--	-	-	SCS
	do	do	do	--	--	June 1949	10.9	[illegible]0.1	*.340	4[illegible].3	.402	431	
36-2a	C. A. Stiles	Unnamed	Washta, Iowa	.59[illegible]	.572	Dec. 1940	--	7[illegible]	[illegible]	--	--	--	SCS
	do	do	do	--	--	Mar. 1949	8.3	70.7	*.347	46.9	1.54	1,580	
	do	do	do	--	--	Sept 1950	1.5	69.1	*.335	*57.8	1.82	2,300	
	do	do	do	--	--	Feb. 1953	2.4	67.7	*.326	57.8	.98	1,240	
36-3	Farmers' Ditch Old Desilting Basin	Farmers' Ditch	Bronson, Iowa	22.9	21.4	Apr. 1941	--	7/674	*.178	--	--	--	SCS
	do	do	do	--	--	Feb. 1945	3.8	275	*.073	68.3	4.91	7,300	
36-4	Strunk Farm Pond	Trib. of Clay Creek	Mayfield, S. D.	.408	.407	July 1947	--	4.09	*.157	--	--	--	SCS
	do	do	do	--	--	July 1953	6	3.37	*.129	*65	.3	411	
36-5	Broderson Farm Pond	do	Volin, S. D.	2.46	2.45	July 1951	--	25.19	*.16	--	--	--	SCS
	do	do	do	--	--	July 1953	2	20.1	*.128	*55	1.04	1,246	
36-6	Masters Upper Reservoir	Unnamed	Mapleton, Iowa	.178	.169	Dec. 1949	--	37.95	*.949	--	--	--	SCS
	do	do	do	--	--	Sept 1950	.79	8/38.2	*.955	--	--	--	
	do	do	do	--	--	Aug. 1951	.87	35.25	*.881	*77.7	20.1	34,015	
	do	do	do	--	--	Apr. 1952	.73	34.8	*.87	*77.7	3.67	6,211	
	do	do	do	--	--	Nov. 1952	.60	34.8	*.87	77.7	--	--	

36-7	Nepper Main	do	do	do	.196	.186	Mar. 1949	--	38.1	*.866	--	--	--	SCS
	do	do	do	do	--	--	July 1950	1.37	37.8	*.859	*76.1	1.25	2,070	
	do	do	do	do	--	--	July 1951	1.01	34.4	*.782	*76.1	17.96	29,768	
	do	do	do	do	--	--	Nov. 1952	1.31	34.4	*.782	76.1	--	--	
36-8	Nepper Southwest	do	do	do	.075	.069	Mar. 1949	--	8.45	*.497	--	--	--	SCS
	do	do	do	do	--	--	Aug. 1950	1.42	8.45	*.497	*72.7	0	0	
	do	do	do	do	--	--	Aug. 1951	.98	7.88	*.464	*72.7	8.41	13,519	
	do	do	do	do	--	--	Nov. 1952	1.3	7.88	*.464	72.7	0	0	
36-9	Theobold Main	do	Anthon, Iowa		.483	.442	June 1949	--	103.2	*1.055	--	--	--	SCS
	do	do	do	do	--	--	Aug. 1950	1.15	94	*.959	*72.3	18.1	28,502	
	do	do	do	do	--	--	May 1951	.77	93.5	*.954	*72.3	1.36	2,142	
	do	do	do	do	--	--	Oct. 1952	1.38	89.2	*.91	72.3	7.13	11,228	
36-10	Theobold Lateral C.	do	do	do	.25	.234	Nov. 1948	--	67.5	*.735	--	--	--	SCS
	do	do	do	do	--	--	July 1950	1.7	34.5	*.676	*67.9	7.65	11,313	
	do	do	do	do	--	--	May 1951	.83	34.3	*.673	*67.9	1.08	1,597	
	do	do	do	do	--	--	May 1952	.94	33.5	*.657	67.9	3.6	5,324	
36-11	Theobold Lateral D.	do	do	do	.098	.089	Nov. 1948	--	19.5	*.975	--	--	--	SCS
	do	do	do	do	--	--	July 1950	1.71	18.9	*.945	*73.1	3.63	5,780	
	do	do	do	do	--	--	May 1951	.82	18.7	*.935	*73.1	2.86	4,560	
	do	do	do	do	--	--	Oct. 1952	1.42	18.6	*.93	73.1	.72	1,146	
36-12a	Mortenson	do	Cherokee, Iowa		1.39	1.37	Oct. 1950	--	229	*.718	--	--	--	SCS
35-13	Bartlett	Green Creek	Alcester, S. D.		.234	.234	Nov. 1936	--	12.84	1.035	--	--	--	SCS
	do	do	do	do	--	--	Nov. 1955	19	6.66	.553	77	1.35	2,264	
36-14b	Lake Mitchell	Firesteel Creek	Mitchell, S. D.		584	496	Oct. 1928	--	10,943	.49	--	--	--	SCS
	do	do	do	do	--	--	July 1948	19.8	10,380	.47	*46.79	.057	56	
	do	do	do	do	--	--	Aug. 1958	10	9,798	.44	*46.79	.117	119	
	do	do	do	do	--	--	July 1969	11	9,235	.42	65.47	.103	231	
36-15	Salem Dam	Silver Creek	Sioux Falls, S. D.		1.158	1.158	Aug. 1950	--	12.79	.206	--	--	--	SCS
	do	do	do	do	--	--	Aug. 1955	5	8.16	.132	*60	.8	1,045	
36-16	Scott No. 2	Scott Creek	Alcester, S. D.		.152	.152	Oct. 1936	--	7.36	.909	--	--	--	SCS
	do	do	do	do	--	--	Apr. 1955	18.5	3.14	.388	56.4	1.52	1,867	
36-17	Lake Vermillion	Vermillion	Montrose, S. D.		402.9	402	Mar. 1959	--	5,173.7	.297	--	--	--	[illegible]
	do	do	do	do	--	--	June 1964	5.25	4,927.5	[illegible]	35	.117	6	
36-18	Vermillion Wshd. No. A	Trib. of Vermillion	Salem, S. D.		.075	.075	Aug. 1950	--	3.2	[illegible]	--	--	--	[illegible]
	do	do	do	do	--	--	Nov. 1965	10.	2.87	.354	*50	.66	740	
36-19	Vermillion Wshd. No. B	do	do	do	.237	.237	Oct. 1950	--	6.48	.620	--	--	--	SCS
	do	do	do	do	--	--	Nov. 1965	15	5.06	.491	*50	.4	435	
36-20	Lake Okabena	Trib. Okabena Creek	Worthington, Minn.		17.4	16.27	--	*1897	5,183	2.234	--	--	--	SCS
	do	do	do	do	--	--	Mar. 1963	65	9/5,100	2.198	26	.87	492	
36-21a	Scott Creek #11	Scott Creek	Alcester, S. D.		1.85	1.45	Oct. 1954	--	196.64	2.55	--	--	--	SCS
	do	do	do	do	--	--	Apr. 1965	10.5	192.7	2.5	*65	.26	368	
	do	do	do	do	--	--	May 1970	5.1	179.75	2.33	--	1.785	2,527	
36-22	Richmond Lake	Foot Creek	Aberdeen, S. D.		82	73.5	Jan. 1937	--	9,880.9	7.53	--	--	--	SCS
	do	do	do	do	--	--	Sept 1969	32.75	8,971.08	6.84	51.8	.378	426	
36-23	Marindahl	Clay Creek	Irene, S. D.		61.9	57.6	July 1954	--	2,228	.9	--	--	--	SCS
	do	do	do	do	--	--	July 1972	18	2,034	.82	46.74	.19	193	
36-24	Wild Rice WR-3	Wild Rice Creek	Britton, S. D.		17	5.95	May 1961	--	855.2	8.73	--	--	--	SCS
	do	do	do	do	--	--	Sept 1973	12.25	842.54	8.61	59.57	.16	243	
36-25	Wild Rice WR-5	Unnamed	do	do	5.16	2.35	Sept 1961	--	280	7.12	--	--	--	SCS
	do	do	do	do	--	--	Sept 1973	12	274.43	7.04	61.38	.2	267	

MISSOURI RIVER BASIN (ABOVE PIERRE TO NIOBRARA)
Niobrara and White River Basins

37-1a	Elkins Stock Pond No. 1	Br. Frozenman Creek	Hayes, S. D.		.58	.57	May 1907	--	18.61	--	--	--	--	SCS
	do	do	do	do	--	--	June 1937	30	15.78	--	41.3	.16	144	
37-2	Elkins Stock Pond No. 2	do	do	do	.33	.33	May 1911	--	4.34	--	--	--	--	SCS
	do	do	do	do	--	--	June 1937	26	3.18	--	36.6	.136	108	
37-3	Land Utilization Project No. 226-1.	Trib. of Bad River	Pierre, S. D.		.203	.197	Mar. 1936	--	16.7	--	--	--	--	SCS
	do	do	do	do	--	--	July 1945	9.3	15.2	--	--	.822	--	
37-4	Land Utilization Project No. 226-2.	Trib. Missouri River	do	do	.995	.981	Mar. 1936	--	34	--	--	--	--	SCS
	do	do	do	do	--	--	July 1945	9.3	29.8	--	--	.458	--	
37-5	Land Utilization Project No. 226-4.	Trib. of Bad River	do	do	.748	.742	May 1936	--	13.6	--	--	--	--	SCS
	do	do	do	do	--	--	July 1945	9.2	9.9	--	--	.539	--	
37-6	Land Utilization Project No. 226-6.	Trib. of Missouri River	do	do	2.555	2.541	Apr. 1936	--	31.8	--	--	--	--	SCS
	do	do	do	do	--	--	July 1945	9.3	25.1	--	--	.285	--	
37-7	Land Utilization Project No. 226-13.	Trib. of Bad River	do	do	.166	.163	Oct. 1936	--	9.1	--	--	--	--	SCS
	do	do	do	do	--	--	July 1945	8.7	8.3	--	--	.521	--	
37-8	Land Utilization Project No. 226-21.	Trib. of Missouri River	do	do	.245	.234	Oct. 1936	--	28.9	--	--	--	--	SCS
	do	do	do	do	--	--	July 1945	8.7	26.1	--	--	1.389	--	
37-9	Land Utilization Project No. 226-22.	Trib. of Bad River	do	do	.514	.511	Nov. 1936	--	9.2	--	--	--	--	SCS
	do	do	do	do	--	--	July 1945	8.7	8.3	--	--	.2	--	

1/ Includes upstream structures.
2/ Adjusted to correct previous years error.
3/ Based on December 1960 sample.
4/ Minus (-) indicates scour or compaction. (treated as negative sediment).
5/ Weight determined by gamma probe.
6/ Water supply pool capacity. Reservoir capacity is greater at spillway crest elevation.
7/ Conservation pool capacity. Flood pool capacity is 1,952 ac.-ft.
8/ Increase in capacity in 1950 was due to settlement of dam.
9/ 837 ac.-ft. of storage created by dredging.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			MISSOURI RIVER BASIN (ABOVE PIERRE TO NIOBRARA) Niobrara and White River Basins (Continued)										
37-10	Land Utilization Project No. 226-25.	Trib. of Missouri River	Pierre, S. D.-----	.147	.144	Nov. 1937	--	9.3	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	7.7	8.4	--	--	.799	--	
37-11	Land Utilization Project No. 226-31.	-----do-----------	-----do-----------	.225	.22	Mar. 1937	--	13.9	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	8.3	12.3	--	--	.859	--	
37-12	Land Utilization Project No. 226-32.	-----do-----------	-----do-----------	.477	.472	Mar. 1937	--	14.1	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	8.3	12.1	--	--	.508	--	
37-13	Land Utilization Project No. 226-34.	-----do-----------	-----do-----------	1.222	1.209	June 1937	--	44.3	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	8.1	40	--	--	.443	--	
37-14	Land Utilization Project No. 226-35.	-----do-----------	-----do-----------	.508	.502	May 1938	--	18.4	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	7.2	16.1	--	--	.631	--	
37-15	Land Utilization Project No. 243-1.	-----do-----------	-----do-----------	.108	.106	Nov. 1937	--	2.7	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	7.7	2	--	--	.811	--	
37-16	Land Utilization Project No. 243-2.	Unnamed Stream (interior drainage)	-----do-----------	.134	.131	Nov. 1937	--	5.2	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	7.7	3	--	--	2.206	--	
37-17	Land Utilization Project No. 243-5.	Trib. of Missouri River	-----do-----------	.072	.07	Nov. 1937	--	2.6	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	7.7	2.2	--	--	.7	--	
37-18	Land Utilization Project No. 243-6.	Trib. of Bad River-----	-----do-----------	.117	.116	Nov. 1937	--	3.2	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	7.7	2.8	--	--	.474	--	
37-19	Land Utilization Project No. 243-10.	Trib. of Missouri River	-----do-----------	.533	.532	June 1938	--	3.7	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	7.1	2.9	--	--	.222	--	
37-20	Land Utilization Project No. 243-11.	-----do-----------	-----do-----------	.339	.338	July 1938	--	4.5	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1945	7	3.9	--	--	.266	--	
37-21	Harris Reservoir North--	Unnamed----------	Gordon, Nebr.-----	.577	.573	May 1947	--	7.3	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	Nov. 1956	9.5	5.57	--	*70	.315	480	
37-22	Harris Reservoir South--	-----do-----------	-----do-----------	11.9	11.85	May 1947	--	18.64	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	Nov. 1956	9.5	15.77	--	*70	.025	38	
37-23	Johnson Reservoir-------	-----do-----------	-----do-----------	.856	.849	-- 1946	--	16.25	--	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	Nov. 1956	10.3	12.39	--	*70	.435	663	
37-24a	Lake Dante----------	Trib. of Choteau Creek-	Wagner, S. D.-----	2.89	2.89	Nov. 1937	--	260.73	.352	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	Oct. 1955	17.9	230.95	.312	*60	.578	756	
37-25	Eggars----------	Trib. of Missouri River	-----do-----------	10.3	10.3	July 1937	--	231	.84	--	--	--	SCS
	-----do-----------	-----do-----------	-----do-----------	--	--	July 1965	28	200.32	.728	50	.107	115	
			MISSOURI RIVER BASIN (MOBRIDGE TO ABOVE PIERRE) Cheyenne and Belle Fourche River Basins										
38-1	Johnson's Stock Pond----	Trib. L. Cheyenne River	Gettysburg, S. D.-	.191	.188	-- 1912	--	2.56	--	--	--	--	
	-----do-----------	-----do-----------	-----do-----------	--	--	June 1937	25	1.05	--	56.1	.16	202	
38-2	Bartel Stock Pond-------	Little Cheyenne Creek--	-----do-----------	.609	.606	-- 1908	--	4.3	--	--	--	--	[illegible]
	-----do-----------	-----do-----------	-----do-----------	--	--	June 1937	29	2.8	--	53.6	.08	93	
38-3a	W-14 (Anderson)---------	Trib. Fourmile Creek--	Vale, S. D.-------	.054	.054	Nov. 1956	--	5.6	1.42	--	--	--	ARS
	-----do-----------	-----do-----------	-----do-----------	--	--	Oct. 1958	1.9	5.14	1.3	70	4.48	6,708	
	-----do-----------	-----do-----------	-----do-----------	--	--	Dec. 1962	4.2	4.51	1.14	70	2.78	4,158	
	-----do-----------	-----do-----------	-----do-----------	--	--	Apr. 1967	4.3	4.36	1.11	70	.65	967	
38-4a	W-9 (Smeenk)----------	Sulphur Creek----------	Sulphur, S. D.----	1.27	1.27	Nov. 1951	--	350.9	10.35	--	--	--	ARS
	-----do-----------	-----do-----------	-----do-----------	--	--	June 1961	9.6	334	9.85	84	1.38	2,525	
	-----do-----------	-----do-----------	-----do-----------	--	--	June 1969	8	315.3	9.3	84	1.84	3,367	
38-5	Angostura Reservoir-----	Cheyenne River---------	Hot Springs, S. D.	9,100	9,093	Oct. 1949	--	159,919	.866	--	--	--	[illegible]
	-----do-----------	-----do-----------	-----do-----------	--	--	Sept 1965	16	138,761	.752	56.4	.145	176	
38-6	Sturgis Watershed No. 1-	Alkali Creek----------	Sturgis, S. D.----	.339	.339	Oct. 1965	--	--	--	--	--	--	FS
	-----do-----------	-----do-----------	-----do-----------	--	--	Oct. 1966	1	--	--	92.2 1/	--	2/--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Oct. 1967	1	--	--	92.2 1/	--	1	
	-----do-----------	-----do-----------	-----do-----------	--	--	Oct. 1968	1	--	--	92.2 1/	--	2/--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Oct. 1969	1	--	--	92.2 1/	--	2/--	
	-----do-----------	-----do-----------	-----do-----------	--	--	Oct. 1970	1	--	--	92.2 1/	--	2/--	

38-7	Sturgis Watershed No. 2-	-----do----------	-----do----------	.139	.139	Oct. 1965	--	--	--	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1966	1	--	--	92.2	--	2/--			
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1967	1	--	--	92.2	.001	2			
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	1	--	--	92.2	1/--	2/--			
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1969	1	--	--	92.2	1/--	2/--			
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	--	--	92.2	.004	9			
38-8	Sturgis Watershed No. 3-	-----do----------	-----do----------	.297	.297	Oct. 1965	--	--	--	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1966	1	--	--	92.2	1/--	2/--			
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1967	1	--	--	92.2	1/--	2/--			
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	1	--	--	92.2	1/--	2/--			
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1969	1	--	--	92.2	1/--	2/--			
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	--	--	92.2	.001	2			
38-9	Canyon Lake----------	Rapid Creek----------	Rapid City, S. D.-	385	3/66.35	Sept 1933	--	300.77	.011	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	37	221.75	.008	65	4/.032	4/50			
38-10a	Barrel Detention Dam----	Unnamed----------	New Castle, Wy.---	6.15	4.77	Aug. 1968	--	454.6	.73	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1970	2.25	438.4	.7	86.25	1.51	2,837			
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1971	1	431.6	.69	--	1.43	2,690			
	-----do----------	-----do----------	-----do----------	--	--	June 1974	2.75	415.9	.67	--	1.19	2,241			
38-11	New Underwood Reservoir-	-----do----------	New Underwood,S.D.	2.97	2.94	-- 1935	--	138.5	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1970	35	120.2	--	*60	.177	231			
	MISSOURI RIVER BASIN (WILLISTON TO MOBRIDGE) Moreau, Grand, Cannonball, Heart, and Little Missouri River Basins														
39-1	Frederick Stock Dam-----	Louse Creek----------	Flasher, N. D.-----	1.17	1.17	-- 1935	--	1.06	*.021	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1956	21	.864	*.017	*35	.00797	6			
39-2a	Hiddenwood Lake---------	Hiddenwood Creek-------	Selby, S. D.-------	31.8	27.2	May 1926	--	5/207.78	.549	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	33.3	165.7	.438	55	.047	56			
39-3	Kaubisch Reservoir------	Trib. of Moreau--------	Sorum, S. D.-------	2.2	1.9	Aug. 1924	--	389.8	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1964	40	380.75	--	*60	.12	157			
39-4	Clark Reservoir---------	-----do----------	-----do----------	3.56	2.56	Aug. 1949	--	62	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1964	15	56.15	--	*60	.15	196			
39-5	Wenner Reservoir--------	Trib. of Grand---------	Lemmon, S. D.-----	.493	.493	Aug. 1951	--	35.96	3.182	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1964	13	33.96	3.005	*60	.3	392			
39-6	Cole Reservoir----------	-----do----------	Bison, S. D.-------	4.66	2.21	Aug. 1937	--	161.1	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1964	27	144.01	--	*60	.29	379			
39-7	Van Oosting Dam---------	Trib. of Missouri River	Hensler, N. D.-----	1.78	1.76	Apr. 1950	--	171.5	*3.618	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	14.5	167	*3.523	60.4	6/.176	5/232			
39-8	Battle Creek Detention D.	Battle Creek----------	Hulett, Wy.--------	18.44	18.44	Nov. 1967	--	620.1	*.63	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	2.83	614.7	*.62	71.4	.104	162			
39-9	Sterling Dam----------	Random Creek----------	Sterling, N. D.---	42.81	42.7	-- 1900*	--	525.67	.822	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1973	73	390.6	.611	19.6	.043	18			
	MISSOURI RIVER BASIN (ZORTMAN TO WILLISTON) Milk and Musselshell River Basins														
40-1	Yellow Water----------	Yellow Water Creek-----	Winnett, Mont.-----	55	54	June 1938	--	4,796	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	10.3	4,616	--	*32	.32	224			
40-2	Fort Peck----------	Missouri River---------	Fort Peck, Mont.--	57,725	7/--	Oct. 1937	--	19,557,492	--	--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	June 1950	12.67	19,233,686	--	56.7	.65	803			
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	2.25	19,186,698	--	57.4	.53	724			
	-----do----------	-----do----------	-----do----------	--	--	June 1954	1.75	19,164,369	--	57.9	.33	471			
	-----do----------	-----do----------	-----do----------	--	--	May 1958	3.92	19,162,468	--	58.8	.013	75			
	-----do----------	-----do----------	-----do----------	--	--	June 1961	3.08	19,138,511	--	59.4	.22	338			
	MISSOURI RIVER BASIN (ABOVE ZORTMAN)														
41-1	Anderson Reservoir------	Trib. of Pondera Creek-	Conrad, Mont.-----	.156	.156	-- 1916	--	9.27	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1955	39	8.44	--	*60	.136	183			
41-2a	Kropp----------	-----do----------	-----do----------	.625	.625	-- 1900	--	4.7	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1955	55	3.84	--	*60	.025	33			
41-3	Walston----------	-----do----------	-----do----------	2.96	2.96	-- 1915	--	66.13	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1955	40	51.71	--	*60	.122	166			
41-4	Gibson Reservoir--------	Sun River----------	Augusta, Mont.-----	575	573	-- 1930	--	104,784	.36	--	--	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1973	44	99,059	.34	*70	.23	350			
	LOWER YELLOWSTONE RIVER BASIN Tongue and Powder River Basins														
42-1a	Baker Lake----------	Sandstone Creek--------	Baker, Mont.-------	5.2	5.01	May 1908	--	756	3.4	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1937	29.1	502	2.26	39	1.74	1,478			
	-----do----------	-----do----------	-----do----------	--	--	May 1955	18	393	1.77	45	1.21	1,553			
	-----do----------	-----do----------	-----do----------	--	--	July 1970	15.2	235	1.06	40	2.08	1,288			
42-2	Tongue River----------	Tongue River----------	Decker, Mont.------	1,740	1,734.5	May 1939	--	72,510	.248	--	--	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1948	9.42	69,439	.237	70.5	.188	289			
42-3	Herzog Reservoir--------	Dry Creek----------	Miles City, Mont.-	6.92	6.92	-- 1941	--	300	4.05	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1969	28	222	3	70	.403	614			

1/ Less than .001. Material removed from Weir Pond facility periodically.
2/ Less than one ton.
3/ Pactola Reservoir controls about 320 sq. mi.
4/ 9.9 ac.-ft. sediment, removed in 1956, not included.
5/ Conservation pool capacity. Reservoir has greater capacity at spillway crest elevation.
6/ Includes .03 ac.-ft. above crest deposits.
7/ 1937-1955=39,097 sq. mi.; 1956-1961=34,692 sq. mi.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
				UPPER YELLOWSTONE RIVER BASIN									
43-1b	Buffalo Bill	Shoshone River	Cody, Wy.	1,470	1,470	May 1910	--	455,838	.492	--	--	--	BR
	do	do	do	--	--	-- 1941	31.7	439,851	.474	--	.34	--	
	do	do	do	--	--	-- 1958	17	421,333	.455	--	.62	--	
43-2	Big Gin	Trib. Fifteenmile Creek	Worland, Wy.	.942	.918	Oct. 1954	--	99.2	3.906	--	--	--	GS
	do	do	do	--	--	Oct. 1955	1	98.1	3.862	--	1.2	--	
	do	do	do	--	--	Oct. 1958	3	96	3.78	--	.8	--	
	do	do	do	--	--	Oct. 1961	3	93.2	3.669	--	1	--	
43-3	Fraser Draw	Fraser Draw	Moneta, Wy.	27.4	27.4	Oct. 1954	--	90.2	1.797	--	--	--	GS
	do	do	do	--	--	Oct. 1958	4	87.7	1.747	--	.02	--	
	do	do	do	--	--	Nov. 1960	2	83.3	1.659	--	.08	--	
43-4	East Fork	Graham Draw	do	.81	.81	June 1949	--	12.3	4.241	--	--	--	GS
	do	do	do	--	--	Nov. 1949	.42	11.73	4.045	--	1.68	--	
	do	do	do	--	--	May 1952	2.54	11.01	3.797	--	.35	--	
	do	do	do	--	--	Oct. 1955	3.42	10.83	3.734	--	.06	--	
	do	do	do	--	--	Oct. 1957	2	10.61	3.659	--	.14	--	
	do	do	do	--	--	Oct. 1960	3	10.58	3.648	--	.01	--	
43-5	West Fork	do	do	.38	.38	July 1948	--	3.13	3.817	--	--	--	GS
	do	do	do	--	--	Nov. 1949	1.25	2.94	3.585	--	.39	--	
	do	do	do	--	--	May 1952	2.54	2.54	3.098	--	.42	--	
	do	do	do	--	--	Oct. 1955	3.42	2.62	3.195	--	0	--	
	do	do	do	--	--	Oct. 1957	2	2.59	3.159	--	.05	--	
	do	do	do	--	--	Oct. 1960	3	2.47	3.012	--	.11	--	
43-6	Red Spires	Rock Waterhole Creek	Worland, Wy.	5.24	5.2	Oct. 1954	--	193.4	1.098	--	--	--	GS
	do	do	do	--	--	Oct. 1955	1	191.3	1.086	--	.4	--	
	do	do	do	--	--	Oct. 1958	3	176.1	1	--	.98	--	
	do	do	do	--	--	Oct. 1961	3	154.5	.877	--	1.38	--	
43-7	Boysen	Wind River	Thermopolis, Wy.	7,700	7,670	Oct. 1951	--	819,132	.625	--	--	--	BR
	do	do	do	--	--	Aug. 1964	12.8	802,004	.612	83	.17	307	
				ARKANSAS RIVER BASIN (VAN BUREN TO LITTLE ROCK) WHITE RIVER BASIN									
44-1a	Lake Bennett	East Fork Creek	Conway, Ark.	4.16	4.11	June 1935	--	494	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1935	.4	490	--	--	2.43	--	
	do	do	do	--	--	Nov. 1946	11	481	.13	--	.2	--	
44-2	Lake Booneville	Trib. Petit Jean Creek	Booneville, Ark.	2.6	2.57	Mar. 1929	--	289	.127	--	--	--	SCS
	do	do	do	--	--	Nov. 1935	6.75	282	--	--	.455	--	
44-3	Lake Fort Smith	Jack and Jones Creeks	Mountainburg, Ark.	65	64	Feb. 1936	--	*13,810	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1940	4.2	13,727	--	--	.31	--	
44-4	Lake Bailey	Cedar Creek	Morrilton, Ark.	15.2	15	Sept 1937	--	629	--	--	--	--	SCS
	do	do	do	--	--	May 1940	2.7	602	--	--	.66	--	
44-5	Lake Taneycomo	White River	Branson, Mo.	4,610	4,606	Mar. 1913	--	43,980	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1935	22.4	23,714	--	--	.196	--	
44-6	Nimrod	Fourche La Fave River	Nimrod, Ark.	680	652	May 1942	--	336,000	.532	--	--	--	CE
	do	do	do	--	--	Apr. 1950	7.9	1/336,000	.532	--	1/--	--	
44-7	Norfork	North Fork River	Norfork, Ark.	1,806	1,772	June 1943	--	1,560,500	1.138	--	--	--	CE
	do	do	do	--	--	May 1950	6.9	2/1,560,500	1.138	--	2/--	--	
44-8	Cove Lake	Arkansas River Trib.	Paris, Ark.	10.9	10.66	May 1938	--	2,206	*.298	--	--	--	SCS
	do	do	do	--	--	Dec. 1953	15.5	2,141	*.29	--	.39	--	
44-9	Charleston Lake	do	Charleston, Ark.	1.03	.93	Apr. 1937	--	325	*.455	--	--	--	SCS
	do	do	do	--	--	Dec. 1953	16.66	264	*.37	--	3.94	--	
44-10	Six Mile Creek No. 2	Shaver Creek	Caulksville, Ark.	5.38	5.26	Oct. 1954	--	3/1,613.93	.469	--	--	--	SCS
	do	do	do	--	--	July 1961	6.67	3/1,608.15	.467	--	3/.17	--	
	do	do	do	--	--	Oct. 1954	--	4/209.52	.09	--	--	--	
	do	do	do	--	--	July 1961	6.67	4/201.01	.087	--	4/.24	--	
44-11	Six Mile Creek No. 5	Little Caney Creek	do	1.9	1.81	Dec. 1954	--	3/860.98	.708	--	--	--	SCS
	do	do	do	--	--	July 1961	6.63	3/854.63	.703	--	3/.53	--	
	do	do	do	--	--	Dec. 1954	--	4/221.96	.183	--	--	--	
	do	do	do	--	--	July 1961	6.63	4/215.77	.177	--	4/.51	--	
44-12	Six Mile Creek No. 23	Trib. Hurricane Creek	Peter Pender, Ark.	4.16	3.91	July 1955	--	3/989.25	.372	--	--	--	SCS
	do	do	do	--	--	July 1961	6	3/983.27	.369	--	3/.26	--	
	do	do	do	--	--	July 1955	--	4/75.92	.029	--	--	--	
	do	do	do	--	--	July 1961	6	4/70.64	.027	--	4/.23	--	
44-13	Dardanelle Reservoir	Arkansas River	Dardanelle, Ark.	5/153,703	11,333	Oct. 1964	--	460,300	6/.0532	--	--	--	CE
	do	do	do	--	--	Oct. 1965	1.08	452,600	6/.0532	*80	.626	1,090	
	do	do	do	--	--	Apr. 1968	2.5	443,500	6/.054	80	.321	560	

44-14	Six Mile Creek Site No.6	Six Mile Creek	Chismville, Ark.	4.14	4.07	Oct. 1954	--	1,304.03	.446	--	--	--	SCS
	do	do	do	--	--	May 1964	9.58	1,275.62	.436	68.8	.73	1,093	
	do	do	do	--	--	Oct. 1970	6.42	1,253.26	.429	76.1	.86	1,425	

ARKANSAS RIVER BASIN (TULSA TO VAN BUREN)
Grand, Verdigris, and Lower Canadian River Basins

45-1	Lake Wedington	Trib. of Illinois River	Fayetteville, Ark.	4.06	3.92	July 1937	--	1,260	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1947	10.1	1,249	--	--	.278	--	
45-2	Wilson	Wilson Creek	do	2.35	2.3	Oct. 1930	--	522	--	--	--	--	SCS
	do	do	do	--	--	June 1940	9.75	517	--	--	.23	--	
45-3	Lake Sapulpa	Euchee Creek	Sapulpa, Okla.	8.72	8.57	-- 1913	--	1,094	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1935	22.5	911	--	--	.949	--	
	do	do	do	--	--	Dec. 1946	11	842	--	--	.732	--	
45-4b	Brown Lake	Peaceable Creek	McAlester, Okla.	20.9	19.9	May 1943	--	4,995	.64	--	--	--	SCS
	do	do	do	--	--	July 1952	9.2	4,660	.597	54.2	1.83	2,160	
	do	do	do	--	--	Apr. 1963	10.75	4,525	.58	--	.63	743	
45-5	Lake McAlester	Bull Creek	do	30.7	28.2	-- 1919	--	18,397	--	--	--	--	SCS
	do	do	do	--	--	Sept 1941	22	17,509	--	--	1.43	--	
45-6	Lake Okmulgee	Salt Creek	Okmulgee, Okla.	40.1	39.2	-- 1928	--	10,355	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1950	22	9,896	--	--	.532	--	
45-7a	Shawnee Lake	Deer Creek	Shawnee, Okla.	21.2	18.9	7/Aug. 1937	--	7/22,600	--	--	--	--	SCS
								24,468	--	--	--	--	
	do	do	do	--	--	8/Dec. 1947	12.3	9/23,816	--	94.72	2.8	5,776	
								23,429	--	--	--	--	
	do	do	do	--	--	Mar. 1957	9.2	9/22,327	--	94.72	2.7	5,339	
45-8	Taft Lake	Branch of Pecan Creek	Taft, Okla.	2.3	2.2	-- 1937	--	580	--	--	--	--	SCS
	do	do	do	--	--	Sept 1947	10	574	--	--	.29	--	
45-9	Hiwassee Lake	Trib. Deep Fk. Creek	Arcadia, Okla.	4.58	4.29	-- 1936	--	2,341	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1950	14	2,158	--	--	3.05	--	
45-10	Lake Carleton	Fourche Maline Creek	Wilburton, Okla.	19.8	19.7	-- 1933	--	10/570	--	--	--	--	SCS
	do	do	do	--	--	July 1947	14	511	--	--	.21	--	
45-11	Holdenville City Lake	Beemore Creek	Holdenville, Okla.	8.95	8.3	June 1931	--	9,844	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1950	18.8	9,030	--	--	5.22	--	
45-12	Pretty Water Lake	Pretty Water Creek	Sapulpa, Okla.	2.43	2.4	Mar. 1936	--	344	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1946	10.75	322	--	--	.85	--	
45-13	Greenleaf Lake	Big Greenleaf Creek	Muskogee, Okla.	81.25	79.84	Mar. 1937	--	13,005	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1941	4.7	12,828	--	--	.47	--	
45-15	Kirk Lake	Unnamed	Iola, Kans.	2.41	2.36	-- 1897	--	111	--	--	--	--	SCS
	do	do	do	--	--	Sept 1939	42	69	--	48.1	.43	450	
45-16	Lowell	Sprg. R. & Shoal Creek	Baxter Springs, Kans.	2,210	2,208.6	Mar. 1905	--	10,404	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1939	34.4	7,580	--	*60	.04	52	
45-17	Neosho Co. State Lake (Lake McKinley).	Small Trib. Neosho R.	Parsons, Kans.	3.38	3.24	July 1927	--	680	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1939	12.1	651	--	*60	.74	967	
45-18	Lake Claremore	Dog Creek	Claremore, Okla.	56.44	55.7	May 1931	--	4,258	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1939	8.4	3,909	--	51.17	.749	835	
45-19	Lake Spavinaw	Spavinaw Creek	Spavinaw, Okla.	400	397.2	Apr. 1924	--	31,686	--	--	--	--	SCS
	do	do	do	--	--	July 1935	11	30,509	--	--	.269	--	
45-20	Kennamer Lake	Trib. of Pryors Creek	Chelsea, Okla.	.28	.27	-- 1923	--	28	--	--	--	--	SCS
	do	do	do	--	--	-- 1939	16	26.5	--	--	.35	--	
45-21	State Fish Hatchery Lake	Happy Creek	Claremore, Okla.	1.21	1.2	-- 1934	--	34	--	--	--	--	SCS
	do	do	do	--	--	-- 1939	5	32.9	--	--	.18	--	
45-22	Lake Scarbow	Trib. of Pryor Creek	Pryor, Okla.	3.07	3.04	-- 1931	--	123	--	--	--	--	SCS
	do	do	do	--	--	-- 1939	8	111.9	--	--	.46	--	
45-23	Wewoka Lake	Coon Cr. or Spring Cr.	Wewoka, Okla.	16.27	15.72	July 1925	--	11/4,961	1.028	--	--	--	SCS
	do	do	do	--	--	Apr. 1945	19.6	4,489	.93	--	1.51	--	
	do	do	do	--	--	Feb. 1954	8	4,357	.903	--	12/1.05	--	
45-24	Wetumka City Lake	Salt Creek	Wetumka, Okla.	4.15	3.88	Jan. 1931	--	2,076	1.341	--	--	--	SCS
	do	do	do	--	--	Feb. 1954	23.2	1,898	1.226	--	1.98	--	
45-25	Adair	N. Caney River	Sedan, Kans.	.33	.33	Mar. 1953	--	20.9	--	--	--	--	SCS
	do	do	do	--	--	Sept 1960	7.5	20.2	--	55	.28	335	
45-26	Bevoy	Big Caney River	Cedar Vale, Kans.	.16	.16	Jan. 1938	--	22.8	--	--	--	--	SCS
	do	do	do	--	--	Sept 1960	22.7	21.2	--	60	.44	574	
45-27	Buffalo	Bee Creek	Havana, Kans.	.26	.26	-- 1934	--	51.7	--	--	--	--	SCS
	do	do	do	--	--	Sept 1960	26	48.5	--	50	.45	490	
45-28a	Foster	N. Caney River	Sedan, Kans.	2.25	2.25	Jan. 1951	--	484	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1960	9.5	477.8	--	55	.29	347	
45-29	House	Caney River	Hewins, Kans.	.25	.25	Sept 1936	--	10.66	--	--	--	--	SCS
	do	do	do	--	--	Sept 1960	24	9.26	--	60	.23	300	
45-30	Herbert Niles Pond	Unnamed	Lebo, Kans.	.194	.192	Jan. 1939	--	10.59	--	--	--	--	SCS
	do	do	do	--	--	July 1957	18.5	8.56	--	*60	13/.6	13/810	
45-31	Kahola	Kahola Creek	Dunlap, Kans.	15.9	15.3	Dec. 1936	--	6,491	*1.591	--	--	--	ARS
	do	do	do	--	--	Apr. 1954	18.3	5,935	*1.455	51.6	1.99	2,236	

1/ Suspended-load inflow was 608 ac.-ft.; suspended - load outflow was 200 ac.-ft. during period. Deposits too small to measure by range survey.
2/ Sediment inflow volume was computed to be 2,350 ac.-ft., much of this probably settled out over a large area in deposits too thin to be measured accurately by echo sounders.
3/ Both sediment and flood pools.
4/ Sediment pool only.
5/ 22,241 sq. mi. is probably noncontributing.
6/ Based on inflow from net sediment contributing area.
7/ Original topographic survey.
8/ From "A" reconnaisance investigation, Shawnee Lake, by Victor H. Jones, Geologist, SCS.
9/ Present ac.-ft. as shown by the two surveys.
10/ Lake drained and dam raised 1937. Original capacity at 1938 crest.
11/ Dam raised 11 feet Mar. 1946; all values based on present elevation.
12/ Dam broke Apr. 1945; rebuilt Mar. 1946; this period not included.
13/ Includes .03 ac.-ft. above crest deposits.
* Estimated or assumed.

SUMMARY OF
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			ARKANSAS RIVER BASIN (TULSA TO VAN BUREN) Grand, Verdigris, and Lower Canadian River Basins (Continued)										
45-32	Mills	Big Caney River	Sedan, Kans.	.2	.2	-- 1920	--	23.9	--	--	--	---	SCS
	-----do	-----do	-----do	--	--	Sept 1960	40	21.6	--	70	.28	427	
45-33	Payer Pond	Unnamed	Burlington, Kans.	.345	.345	Jan. 1938	--	54.97	--	--	--	--	SCS
	-----do	-----do	-----do	--	--	July 1957	19.5	44.12	--	57	1.61	1,998	
45-34	Staats	Middle Caney River	Cedarvale, Kans.	.49	.49	Jan. 1943	--	81.46	--	--	--	--	SCS
	-----do	-----do	-----do	--	--	Sept 1960	17.7	77.94	--	60	.41	536	
45-35	Hulah	Caney River	Hulah, Okla.	732	712	Feb. 1950	--	295,130	1.109	--	--	--	CE
	-----do	-----do	-----do	--	--	June 1958	8.4	292,565	1.099	44.2	.429	413	
45-36a	Double Creek Site No. 5	-----do	Ramona, Okla.	2.39	2.36	Feb. 1955	--	747.36	.83	--	--	--	SCS
	-----do	-----do	-----do	--	--	Apr. 1964	9.2	734.29	.81	54.3	.6	710	
	-----do	-----do	-----do	--	--	Sept 1969	5.5	730.53	.81	54.3	.29	343	
45-37	Waldron Lake	Square Rock Creek	Waldron, Ark.	7.65	7.58	Mar. 1943	--	361.44	.059	--	--	--	SCS
	-----do	-----do	-----do	--	--	Oct. 1961	18.58	325.78	.053	--	.25	--	
45-38	Howard City Lake	Game Creek	Howard, Kans.	10.16	10.06	Sept 1936	--	771	.316	--	--	--	SCS
	-----do	-----do	-----do	--	--	Sept 1965	28.9	604.7	.248	*60	.57	745	
45-39a	Heyburn Reservoir	Polecat Creek	Heyburn, Okla.	123	117	Mar. 1950	--	59,650	1.51	--	--	--	CE
	-----do	-----do	-----do	--	--	Dec. 1959	9.8	57,270	1.45	77.23	2.08	3,499	
	-----do	-----do	-----do	--	--	Oct. 1971	11.8	55,026	1.4	91.51	1.62	3,776	
45-40	Toronto Lake	Verdigris	Toronto, Kans.	730	714	Mar. 1960	--	195,300	.559	--	--	--	CE
	-----do	-----do	-----do	--	--	May 1966	6.21	192,060	.55	50.4	.731	802	
45-41	Eufaula Lake	Canadian	Whitefield, Okla.	47,522	13,693	Feb. 1964	--	3,848,000	.89	--	--	--	CE
	-----do	-----do	-----do	--	--	June 1969	5.33	3,798,400	.88	62.2	.68	921	
45-42	Hatch	Trib. Neosho River	Burlington, Kans.	.19	.18	Oct. 1939	--	4.74	.07	--	--	--	SCS
	-----do	-----do	-----do	--	--	Aug. 1967	28	3.54	.05	*60	.24	314	
45-43	Mound Valley Experimental Sta.	Trib. of Pumpkin Creek	Mound Valley, Kans.	.42	.42	June 1954	--	6.9	.032	--	--	--	SCS
	-----do	-----do	-----do	--	--	June 1968	14	4.77	.022	*60	.36	470	
45-44	Cranor	Trib. Verdigris River	Edna, Kans.	.22	.22	Nov. 1953	--	5.01	.044	--	--	--	SCS
	-----do	-----do	-----do	--	--	June 1968	14.6	3.92	.034	*60	.32	418	
45-45	Scott	Trib. Neosho	Parsons, Kans.	.23	.23	Dec. 1956	--	12	.1	--	--	--	SCS
	-----do	-----do	-----do	--	--	June 1968	11.8	11.1	.093	*60	.35	457	
45-46	Fletcher	Big Creek	Gridley, Kans.	.2	.19	-- 1934	--	24.41	.33	--	--	--	SCS
	-----do	-----do	-----do	--	--	Aug. 1967	33	20.1	.27	*60	.68	888	
45-47	Isch Pond	-----do	-----do	.38	.37	-- 1927	--	15.37	.11	--	--	--	SCS
	-----do	-----do	-----do	--	--	Aug. 1967	40	8.72	.062	*60	.46	601	
45-48	Hess Pond	Trib. Duck Creek	Elk City, Kans.	1.75	1.73	-- 1933	--	53.04	.08	--	--	--	SCS
	-----do	-----do	-----do	--	--	July 1967	34	29.69	.045	*60	.4	522	
45-49	Olenhouse	-----do	La Fontaine, Kans.	.13	.13	July 1937	--	3.8	.08	--	--	--	SCS
	-----do	-----do	-----do	--	--	July 1967	30	3	.062	*60	.23	300	
45-50	Sierman	-----do	-----do	.23	.23	June 1937	--	5.3	.062	--	--	--	SCS
	-----do	-----do	-----do	--	--	July 1967	30	4.5	.052	*60	.13	170	
45-51	Hubert	-----do	Longton, Kans.	.41	.4	Oct. 1948	--	16.38	.11	--	--	--	SCS
	-----do	-----do	-----do	--	--	Aug. 1967	19	15	.098	*60	.18	235	
45-52	Meritt Pond	Big Creek	Burlington, Kans.	.25	.25	-- 1939	--	8.09	.09	--	--	--	SCS
	-----do	-----do	-----do	--	--	Aug. 1967	28	4.17	.045	*60	.56	731	
45-53a	Big Wewoka Site No. 36	Big Wewoka	Holdenville, Okla.	2.26	2.13	June 1960	--	690.3	.95	--	--	--	SCS
	-----do	-----do	-----do	--	--	Aug. 1969	9.1	679	.94	62	.58	788	
	-----do	-----do	-----do	--	--	July 1974	4.92	673	.93	73	.57	1,268	
45-54	Cane Creek Site No. 11	Cane Creek	Okmulgee, Okla.	8.96	8.89	Nov. 1965	--	2,983.6	.96	--	--	--	SCS
	-----do	-----do	-----do	--	--	Sept 1969	3.85	2,954.7	.95	55	.85	1,018	
45-55a	Big Wewoka Site No. 17	Big Wewoka	Wewoka, Okla.	2.16	2.05	Mar. 1963	--	691.3	1.36	--	--	--	SCS
	-----do	-----do	-----do	--	--	Sept 1968	5.53	680.7	1.34	60	.94	1,222	
	-----do	-----do	-----do	--	--	July 1973	4.86	667.5	1.32	59	1.33	2,025	
45-56	John Redmond Dam & Res.	Grand (Neosho) River	Burlington, Kans.	3,015 1/2	2,519	Sept 1963	--	644,800	.63	--	--	--	CE
	-----do	-----do	-----do	--	--	Mar. 1974	10.5	630,290	.616	61.97	.549	741	
45-57	Keystone Lake	Arkansas River	Sand Springs, Okla.	22,351	17,136	Sept 1964	--	1,879,000	.392	--	--	--	CE
	-----do	-----do	-----do	--	--	Sept 1969	5	1,836,490	.384	59.46	.47	609	
45-58	Little Deep Fk. Site #10	Deep Fork	Drumright, Okla.	7.55	7.28	Nov. 1968	--	1,522.5	.63	--	--	--	SCS
	-----do	-----do	-----do	--	--	Sept 1974	5.86	1,493.9	.62	--	.67	1,059	

ARKANSAS RIVER BASIN (GARDEN CITY TO TULSA)
Middle Canadian, Lower Cimarron, and Salt Fork River Basins

46-1b	Fort Supply Lake--------	Wolf Creek----------	Fort Supply, Okla.	1,735	1,485	Jan. 1943	--	107,340	1.27	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	June 1949	6.42	106,150	1.26	57.8	.125	157	
	-----do----------	-----do----------	-----do----------	--	--	June 1958	9	101,750	1.21	67	.329	498	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1969	11.5	100,720	1.66	65.3	.061	74	
46-2b	Great Salt Plains Lake--	Salt Fk. Arkansas River	Jet, Okla.--------	3,200	3,156	June 1941	--	308,000	1.03	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1949	8.5	292,000	.98	48.6	.586	620	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1961	11.4	280,200	.94	58.9	.336	529	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1971	9.8	271,398	.91	63.8	.286	494	
46-3	Boomer Lake----------	Boomer Creek----------	Stillwater, Okla.-	9.13	8.67	Mar. 1925	--	2,812	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1935	10.25	2,641	--	*60	1.93	2,522	
46-4	Bennington's Lake-------	Chikaskia River--------	Rago, Kans.--------	1.42	1.4	Aug. 1929	--	75	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1940	11.2	33	--	69.47	2.68	4,055	
46-5	Meade County State Lake- (Lake Larrabee).	Stump Arroya----------	Meade, Kans.-------	18	17.84	June 1928	--	891	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1937	8.8	819	--	*60	.459	600	
46-6	Lake Medicine----------	Medicine Lodge Creek---	Medicine Lodge, Kans.	1.89	1.84	Aug. 1929	--	365	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1940	11.2	295	--	98.52	3.4	7,296	
46-7	Santa Fe----------	Indianola Creek--------	Augusta, Kans.----	37.93	37.55	Oct. 1928	--	1,741	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1937	8.6	1,595	--	58.1	.45	569	
46-8	Guthrie----------	Trib. Cottonwood Creek-	Guthrie, Okla.----	13.3	12.95	Oct. 1920	--	3,064	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1935	14.5	2,608	--	*60	2.42	3,162	
46-9	Gelmer's Stock Pond-----	Bois d'Arc Creek-------	Blackwell, Okla.--	.31	.31	Oct. 1939	--	3.74	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1940	1	3.43	--	*65	1	1,416	
46-10	Harris Stock Pond-------	-----do----------	-----do----------	.22	.21	Apr. 1938	--	12.63	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1940	2.5	12.37	--	*65	.495	701	
46-11	Lake Eldorado----------	Satchel Creek----------	Eldorado, Kans.---	35.1	34.3	-- 1928	--	3,213	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1937	9	3,082	--	66	.426	612	
46-12a	Lake Fryer----------	Wolf Creek----------	Perryton, Tex.----	108	108	-- 1939	--	844	.372	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1947	7.4	717	.316	--	.16	--	
46-13b	Canton Lake----------	North Canadian River---	Canton, Okla.------	12,483	2/6,081	July 1947	--	401,500	2.15	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	May 1953	5.83	390,800	2.1	70.9	.302	4,664	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1959	6.42	385,900	2.07	56.2	.125	65	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	6.92	383,300	2.06	56.1	.063	76	
46-14	Guthrie Mun. Res. No. 2-	Cottonwood Creek-------	Guthrie, Okla.----	11.63	11.29	May 1949	--	3,192.68	1.391	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1960	11.4	2,945.06	1.283	95.66	1.92	4,000	
46-15a	Lake Carl Blackwell-----	Stillwater Creek-------	Stillwater, Okla.-	75.35	70.53	Mar. 1938	--	58,326	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept. 1958	20.5	54,556	--	*60	2.61	3,411	
46-16	Lies Pond----------	Unnamed----------	Andale, Kans.-----	3.36	3.36	June 1942	--	20.44	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1956	14	9.62	--	94.89	3/.28	579	
46-17	Longton----------	-----do----------	Cimarron, Kans.---	.55	.54	July 1935	--	4/51.1	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1955	20	50.28	--	85.7	.07	134	
46-18	Hughes No. 1----------	-----do----------	Ingalls, Kans.----	.64	.63	-- 1942	--	4/8.5	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1955	13	5.44	--	72.07	.32	502	
46-19	Perry City Lake---------	Cow Creek----------	Perry, Okla.------	16.67	16.64	June 1937	--	4,371	1.311	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1955	17.9	3,986	1.196	83.5	1.33	2,419	
46-20	Pottszinger Pond-------	Unnamed----------	Andale, Kans.-----	.9	.9	Aug. 1949	--	14.87	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1956	7	8.97	--	103.4	5/1	5/2,252	
46-21	O. F. Scott Ponds-------	Trib. So. Canadian R.--	Union City, Okla.-	1.8	1.79	May 1941	--	26.3	.085	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1955	14	20.7	.067	65.4	.22	313	
46-22	Tom Hill Pond----------	Trib. of Bridge Creek--	Tuttle, Okla.-----	.53	.526	July 1943	--	13.38	.147	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1955	11.8	6.43	.071	--	1.12	--	
46-23	Nichlaus----------	Trib. Slough Creek-----	Haven, Kans.-------	2.29	2.27	May 1932	--	46.14	.15	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1967	35	6/13.6	.04	70	.22	335	
46-24	Thever----------	Trib. Slate Creek------	Wellington, Kans.-	.14	.14	-- 1958	--	4.09	.16	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1967	9	3.38	.13	*60	.57	745	
46-25	Koulouris----------	Trib. Sand Creek-------	Newton, Kans.------	.24	.24	Oct. 1948	--	9.64	.219	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	19.92	6.95	.158	*60	.58	758	
46-26	Adams----------	Trib. Bluff Creek------	Anthony, Kans.----	.24	.23	Sept 1934	--	13.5	.56	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	33.92	5.76	.24	*60	1	1,307	
46-27	Smith - Case----------	Trib. Little Ark. River	Little River, Kans	.56	.56	Dec. 1958	--	66.89	1.86	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	9.75	62.29	1.73	*60	.84	1,098	
46-28	Workman----------	Trib. Medicine Lodge R.	Medicine Lodge, Kans.	.59	.59	June 1936	--	10	.18	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	32.17	1.79	.03	*60	.44	575	
46-29	Gant----------	-----do----------	-----do----------	.3	.3	Mar. 1955	--	25.26	.87	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	13.42	20.29	.7	*60	1.23	1,607	
46-30	Schupbach----------	-----do----------	Kiowa, Kans.------	.34	.34	June 1956	--	26.73	.81	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	12.17	21.91	.66	*60	1.18	1,542	
46-31	Barrett----------	Wild Creek----------	Anthony, Kans.----	.67	.67	Spring 1957	--	39.92	.59	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1968	11.25	32.24	.47	*60	1.01	1,320	
46-32	Miller----------	Beaver Creek----------	Walton, Kans.-----	1.2	1.2	Aug. 1959	--	6.08	.028	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1968	9	2.87	.013	*60	.3	392	

1/ Excludes area above Council Grove and Marion Lakes.
2/ Excludes 4,642 sq. mi. of watershed not contributed to runoff, 1,735 sq. mi. above Fort Supply Dam, and 25 sq. mi. surface area of Canton Reservoir.
3/ Includes 2.33 ac.-ft. above crest deposits.
4/ Water supply pool capacity. Reservoir has greater capacity at spillway crest elevation.
5/ Includes .39 ac.-ft. above crest deposits.
6/ Spillway eroded 2 ft.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
	ARKANSAS RIVER BASIN (GARDEN CITY TO TULSA) Middle Canadian, Lower Cimarron, and Salt Fork River Basins (Continued)												
46-33	Roupp	Trib. Sand Creek	Hesston, Kans.	.49	.49	June 1950	--	5.47	.066	--	--	--	SCS
	do	do	do	--	--	Sept 1968	18.12	3.33	.037	*60	.24	314	
46-34	Mease	Trib. Medicine Lodge R.	Medicine Lodge, Kans.	1.73	1.71	Feb. 1961	--	108.3	.65	--	--	--	SCS
	do	do	do	--	--	Aug. 1968	7.5	105.19	.63	*60	.24	314	
46-35	Berger Pond	Trib. Pawnee River	Jetmore, Kans.	3	3	Mar. 1952	--	18.55	.29	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	15.5	12.95	.2	*60	.12	156	
46-36	Paris	Trib. Wet Walnut Creek	Dighton, Kans.	3.6	2.2	Aug. 1940	--	41.69	.87	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	27	36.66	.76	*60	.09	117	
46-37	Siebert	Trib. Big Sandy	Meade, Kans.	.23	.23	Jan. 1952	--	8	1.6	--	--	--	SCS
	do	do	do	--	--	June 1966	14.5	7.15	1.5	80	.26	453	
46-38	Hoop	Trib. Crooked Creek	do	1.07	.9	May 1961	--	4	.19	--	--	--	SCS
	do	do	do	--	--	June 1966	5.2	3.76	.19	80	.06	104	
46-39	Harris	do	do	7.57	4.75	Oct. 1962	--	161.4	1.1	--	--	--	SCS
	do	do	do	--	--	June 1966	3.7	160.8	1.1	*70	.04	61	
46-40	Whitford	Trib. Hackberry Creek	Ashland, Kans.	1.98	1.97	May 1947	--	14.2	.22	--	--	--	SCS
	do	do	do	--	--	July 1966	19.2	8.2	.14	75	.15	245	
46-41	Davis	Pawnee	Kalvesta, Kans.	2.4	2.37	Jan. 1951	--	104.82	3.28	--	--	--	SCS
	do	do	do	--	--	Sept 1967	16.75	97.94	3.06	*60	.17	222	
46-42	Lippoldt	Trib. Pawnee River	Jetmore, Kans.	1.83	1.82	Dec. 1952	--	1/30.5	.78	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	14.75	27.74	.71	*60	.1	131	
46-43	Sebes Pond	do	do	1.2	1.2	July 1956	--	5.6	.22	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	11.13	4.34	.17	*60	.09	117	
46-44	Fry	Trib. Arkansas River	Little River, Kans.	1.07	1.07	Aug. 1949	--	4.13	.06	--	--	--	SCS
	do	do	do	--	--	Aug. 1968	19	1.37	.02	*60	.14	183	
46-45	Barber	do	Raymond, Kans.	.57	.57	June 1962	--	21.5	.6	--	--	--	SCS
	do	do	do	--	--	June 1968	6.2	17.97	.5	*70	1	1,525	
46-46	Coberly	Trib. Buffalo Creek	Dighton, Kans.	2.1	2.1	Aug. 1946	--	18	.65	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	21	12.93	.48	*60	.11	143	
46-47	Smith Pond	Trib. Pawnee River	Jetmore, Kans.	.3	.3	Dec. 1951	--	5.93	.93	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	15.75	3.56	.59	*60	.5	653	
46-48	Seltman	Trib. Walnut Creek	Rush Center, Kans.	1.63	1.61	Oct. 1958	--	26.07	.43	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	8.8	22.23	.37	*60	.27	352	
46-49	Rayl	Trib. Slate Creek	Wellington, Kans.	.56	.56	-- 1949	--	5.44	.05	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	18	2.96	.03	*60	.25	326	
46-50	Lange	do	Conway Spr., Kans.	.31	.31	-- 1956	--	8.11	.14	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	11	5.37	.09	*60	.81	1,058	
46-51	Brodie	Spring Creek	Ashland, Kans.	2.17	2	June 1951	--	31.2	.36	--	--	--	SCS
	do	do	do	--	--	July 1966	15.1	29	.33	*70	.07	107	
46-52	Glen	Trib. Little Sandy Cr.	do	.95	.93	Nov. 1958	--	57.1	1.88	--	--	--	SCS
	do	do	do	--	--	July 1966	7.75	54.5	1.79	*60	.35	457	
46-53	Issac	Trib. Big. Sandy	Meade, Kans.	.82	.52	Jan. 1952	--	6.65	.38	--	--	--	SCS
	do	do	do	--	--	June 1966	14.5	4.8	.27	75	.25	408	
46-54	Fox	Trib. Bluff Creek	Ashland, Kans.	2.18	2.17	July 1954	--	10	.11	--	--	--	SCS
	do	do	do	--	--	July 1966	12	7.3	.08	*65	.11	156	
46-55	Uncle John Site No. 7	Uncle John	El Reno, Okla.	9.58	9.05	May 1968	--	3,649.5	2.38	--	--	--	SCS
	do	do	do	--	--	Sept 1973	5.36	3,623.4	2.36	--	.54	735	
46-56	Upper Black Bear #64	Upper Black Bear	Perry, Okla.	2.26	2.16	May 1968	--	696.2	1.65	--	--	--	SCS
	do	do	do	--	--	July 1972	4.12	678.97	1.61	--	1.94	2,734	
	ARKANSAS RIVER BASIN (LAMAR TO GARDEN CITY) Upper Cimarron and Upper Canadian River Basins												
47-1b	Conchas Reservoir	Canadian and Conchas	Conchas Dam. N. M.	7,409	6,976	Jan. 1939	--	601,112	3.13	--	--	--	CE
	do	do	do	--	--	May 1940	1.4	599,712	3.12	75.7	--	--	
	do	do	do	--	--	June 1942	2.1	585,112	3.04	75.7	.996	1,643	
	do	do	do	--	--	Nov. 1942	.4	581,112	3.02	75.7	--	--	
	do	do	do	--	--	Oct. 1944	1.9	576,756	3	75.7	.328	541	
	do	do	do	--	--	Feb. 1949	4.3	566,163	2.95	*75.7	.353	581	
	do	do	do	--	--	Oct. 1963	14.7	550,799	2.87	*75.7	.15	247	
	do	do	do	--	--	Oct. 1970	6.92	528,951	2.75	75.7	.453	746	
47-2	Reservoir No. 2	(Offstream)	Maxwell, N. Mex.	--	--	-- 1912	--	3,010	--	--	--	--	BR
	do	do	do	--	--	-- 1946	34	1,836	--	--	--	--	
47-3	Reservoir No. 7 & 8	do	do	--	--	-- 1912	--	2/1,064	--	--	--	--	BR
	do	do	do	--	--	-- 1946	34	2,063	--	--	--	--	
47-4	Reservoir No. 11	do	do	--	--	-- 1912	--	3/1,004	--	--	--	--	BR
	do	do	do	--	--	-- 1946	34	637	--	--	--	--	
47-5	Reservoir No. 12	do	do	--	--	-- 1912	--	4/2,260	--	--	--	--	BR
	do	do	do	--	--	-- 1946	34	1,822	--	--	--	--	

47-6	Reservoir No. 13.	do	do	--	--	--	1912	--	5/2,236	--	--	--	--	--	BR
	do	do	do	--	--	--	1946	34	1,628	--	--	--	--		
47-7	Reservoir No. 14	do	do	--	--	--	1912	--	6/816	--	--	--	--	--	BR
	do	do	do	--	--	--	1946	34	680	--	--	--	--		
47-8	Boles	Cimarron	Liberal, Kans.	.36	.36	Mar.	1962	--	9.16	1.9	--	--	--	--	SCS
	do	do	do	--	--	June	1966	4.25	8.98	1.9	*65	.12	170		
47-9	Gregory	Trib. Arkansas River	Syracuse, Kans.	6.5	6.5	Apr.	1951	--	62.2	1.79	--	--	--	--	SCS
	do	do	do	--	--	June	1967	16.5	50.83	1.5	70	.11	167		
47-10	Lahey	Trib. Cimarron	Moscow, Kans.	2.78	2.75	Oct.	1960	--	135.6	4.6	--	--	--	--	SCS
	do	do	do	--	--	June	1966	5.7	133.8	4.5	*50	.11	120		
47-11	Hartshorn	Trib. Little Bear Creek	Syracuse, Kans.	1.9	1.89	Mar.	1950	--	14.6	.72	--	--	--	--	SCS
	do	do	do	--	--	June	1966	16.25	8.75	.43	*75	.19	310		
47-12	Christian	Trib. Cimarron	Ulysses, Kans.	1.06	1.06	June	1961	--	4.5	.4	--	--	--	--	SCS
	do	do	do	--	--	June	1966	5	3.75	.33	*75	.14	229		
47-13	Downing	do	Moscow, Kans.	.47	.46	Aug.	1961	--	31.8	6.4	--	--	--	--	SCS
	do	do	do	--	--	June	1966	4.8	31.2	6.2	65	.28	396		
47-14	Amerine	Trib. Little Bear Creek	Syracuse, Kans.	3.42	3.4	Mar.	1953	--	128	3.5	--	--	--	--	SCS
	do	do	do	--	--	June	1966	13.3	119	3.3	*75	.2	327		
47-15	Roy Kurz	Shirley	do	8.91	8.91	Apr.	1951	--	92.7	1.97	--	--	--	--	SCS
	do	do	do	--	--	June	1967	16.5	78.2	1.65	*70	.1	152		
47-16	Tramperos Cr. Wshd. Site 2	Tramperos Creek	Clapham, N. Mex.	10.7	10.6	Jan.	1961	--	635	5.56	--	--	--	--	SCS
	do	do	do	--	--	June	1972	11.5	621.46	5.45	--	.11	--		
			RIO GRANDE BASIN (ABOVE ESPANOLA) AND ARKANSAS RIVER BASIN												
48-1e	John Martin Res. (formerly Caddoa Res. Proj.).	Arkansas River	Hasty, Colo.	7/18,915	18,102	Apr.	1942	--	701,775	2.47	--	--	--	--	CE
	do	do	do	--	--	July	1942	.3	690,345	2.43	*75.7	--	--		
	do	do	do	--	--	Dec.	1943	1.4	688,550	2.43	*75.7	.075	124		
	do	do	do	--	--	Sept	1944	.7	683,257	2.41	*75.7	.443	730		
	do	do	do	--	--	May	1948	3.7	675,097	2.38	*75.7	.129	213		
	do	do	do	--	--	Oct.	1951	3.4	662,870	2.34	*75.7	.21	346		
	do	do	do	--	--	Aug.	1957	5.7	645,512	2.28	*75.7	.178	293		
	do	do	do	--	--	Mar.	1962	4.6	642,390	2.26	*75.7	.0398	66		
	do	do	do	--	--	Sept	1966	4.5	631,121	2.22	*75.7	.147	242		
	do	do	do	--	--	Aug.	1968	1.9	618,668	2.18	*75.7	.362	597		
	do	do	do	--	--	Mar.	1972	3.7	8/621,326	2.19	*75.7	8/-.0397	8/-65		
48-2	Brown Reservoir No. 1	Van Bremer Arroyo	Trinidad, Colo.	74.6	74.4	--	1900	--	758	--	--	--	--	--	SCS
	do	do	do	--	--	Nov.	1939	39	82	--	89.07	.233	452		
48-3	Muddy Creek	Muddy Cr., Johnny Cr.	Caddoa, Colo.	154.2	152.4	Fall	1919	--	16,918	--	--	--	--	--	SCS
	do	do	do	--	--	Dec.	1939	20	15,287	--	75.25	.535	877		
48-4	Horse Creek 9/	Horse Creek	Ordway, Colo.	52.01	47.44	Nov.	1900	--	36,203	--	--	--	--	--	SCS
	do	do	do	--	--	Apr.	1940	39.4	30,738	--	68.36	10/.241	11/1,515		
48-5	Teller	Turkey Creek	Pueblo, Colo.	78.8	78.5	Mar.	1911	--	4,005	--	--	--	--	--	SCS
	do	do	do	--	--	Feb.	1940	28.9	2,463	--	75.4	.68	1,117		
48-6	Cucharas	Cucharas River	Walsenburg, Colo.	608	608	--	1912	--	38,274	--	--	--	--	--	BR
	do	do	do	--	--	--	1937	25	25,020	--	--	.87	--		
	do	do	do	--	--	--	1939	2	23,040	--	--	1.63	--		
48-7a	S-1 Big Sandy Cr. Wshd.	Big Sandy Creek	Peyton, Colo.	4.71	4.64	May	1962	--	326.1	1.9	--	--	--	--	SCS
	do	do	do	--	--	July	1965	3.1	302.1	1.7	--	1.67	--		
	do	do	do	--	--	Feb.	1974	8.6	12/303.9	1.7	--	.05	--		
48-8a	Abiquiu Reservoir	Rio Chama	Abiquiu, N. Mex.	2,146	12/1,254	Apr.	1963	--	579,039	1.84	--	--	--	--	CE
	do	do	do	--	--	Oct.	1967	4.58	572,695	1.82	*75.7	1.10	1,814		
	do	do	do	--	--	Sept	1972	4.92	570,700	1.91	65.8	.32	242		
	do	do	do	--	--	Aug.	1973	.92	569,500	1.81	65.8	1.04	1,490		
48-9	Hardesty Reservoir	Hungerford Hollow	Fowler, Colo.	13.48	13.34	--	1908	--	563	*3.9	--	--	--	--	SCS
	do	do	do	--	--	Mar.	1968	60	527	*3.7	--	14/.045	--		
48-10	FPC-1 Fishers Peak (Carbon Arroyos Wshd.)	Fisher Peak Arroyo	Trinidad, Colo.	1.14	1.12	Oct.	1963	--	346.3	8.1	--	--	--	--	SCS
	do	do	do	--	--	Feb.	1971	7.3	333.4	7.8	--	1.58	--		
			RED RIVER BASIN (DENISON TO GRAND ECORE) Little and Sulphur River Basins												
49-1a	Lake Crook	Pine Creek	Paris, Tex.	51.6	49.6	Feb.	1923	--	11,487	.418	--	--	--	--	SCS
	do	do	do	--	--	Mar.	1936	13.1	10,755	.391	--	1.13	--		
	do	do	do	--	--	July	1956	19.7	9,964	.362	36.4	.81	642		
49-2a	Lake Gibbons	Trib. of Pine Creek	do	1.46	1.26	--	1900	--	15/1,394	1.792	--	--	--	--	SCS
	do	do	do	--	--	Mar.	1936	36	1,324	1.702	--	1.54	--		
	do	do	do	--	--	July	1956	20.3	1,285	1.652	31.5	1.52	1,043		
49-3	Nashville	Mine Creek	Nashville, Ark.	10.4	10.3	Mar.	1931	--	181	--	--	--	--	--	SCS
	do	do	do	--	--	July	1941	10.3	128	--	--	.5	--		

1/ Capacity based on surface area x 1/3 deepest fill.
2/ During the period 1912-46, a total of 2,435 ac.-ft. capacity was added by reservoir enlargement.
3/ During the period 1912-46, a total of 126 ac.-ft. capacity was added by reservoir enlargement.
4/ During the period 1912-46, a total of 672 ac.-ft. capacity was added by reservoir enlargement.
5/ During the period 1912-46, a total of 490 ac.-ft. capacity was added by reservoir enlargement.
6/ During the period 1912-46, a total of 264 ac.-ft. capacity was added by reservoir enlargement.
7/ Drainage area adjusted to conform with U.S.G.S. published drainage area.
8/ Gain due to inward erosion.
9/ Off channel reservoir.
10/ Excludes water and sediment diverted from Arkansas River & Horse Creek.
11/ Per 100 ac.-ft. of water diverted from Arkansas R. and Horse Cr. Total of 564,918 ac.-ft. diverted to reservoir between 1910 and 1939.
12/ 3.9 ac.-ft. additional storage provided from borrow excavation in floodwater pool in 1966.
13/ Adjusted for 873 sq. mi. El Vando Reservoir drainage area.
14/ Little deposition due to dam washout, 1930-47. True sediment accumulation rate for 43-yr. period was about 0.063 ac.-ft./mi^2-yr.
15/ Spillway crest was lowered 3 ft. in 1932; capacities are based on present elevation.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG ANN. SEDIMENT ACCUMULATION PER SQ. MI OF NET DR. AREA FOR PERIOD SHOWN ACR-FT	AVG ANN. SEDIMENT ACCUMULATION PER SQ. MI OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			RED RIVER BASIN (DENISON TO GRAND ECORE) Little and Sulphur River Basins (Continued)										
49-4	Jenkins Pond	Trib. of Lewis Creek	Mansfield, La.	.35	.32	Sept 1925	--	157	.561	--	--	--	SCS
	do	do	do	--	--	Sept 1954	29	150	.536	66.6	.78	1,165	
49-5	Gordon Country Club Lake	Ands Creek	Paris, Tex.	1.41	1.3	-- 1898	--	558	.742	--	--	--	SCS
	do	do	do	--	--	June 1959	61	430	.572	33.14	1.62	1,169	
49-6a	Bayou Bodcau	Bayou Bodcau River	Cotton Valley, La.	683	613	Nov. 1949	--	967,900	2.62	--	--	--	CE
	do	do	do	--	--	May 1961	11.5	967,900	2.62	--	--	--	
	do	do	do	--	--	Apr. 1972	11.9	967,900	2.62	--	--	--	
49-7a	Lake Texarkana	Sulphur River	Texarkana, Tex.	3,400	3,213	Sept 1954	--	2,654,300	.13	--	--	--	CE
	do	do	do	--	--	Aug. 1958	3.92	2,654,300	.13	--	--	--	
	do	do	do	--	--	July 1970	12	2,654,300	.13	--	--	--	
49-8a	Wallace Lake	Cypress Bayou	Shreveport, La.	260	246	Dec. 1946	--	96,100	.557	--	--	--	CE
	do	do	do	--	--	Oct. 1951	4.8	96,100	.557	--	--	--	
	do	do	do	--	--	Apr. 1961	9.5	96,100	.557	--	--	--	
	do	do	do	--	--	May 1971	10.08	96,100	.557	--	--	--	
	do	do	do	--	--	Apr. 1972	.92	96,100	.557	--	1/--	1/--	
49-9	Century Lake	Sulphur River	Sulphur Spr., Tex.	52.5	51.46	-- 1953	--	3,495.2	.125	--	--	--	SCS
	do	do	do	--	--	Sept 1962	9	2,787.9	.1	*85	1.53	2,832	
49-10	Lake O' the Pines (Ferrell's Bridge)	Cypress Creek	Jefferson, Tex.	880	790	Dec. 1959	--	842,100	1.74	--	--	--	CE
	do	do	do	--	--	Apr. 1966	6.4	842,100	1.74	--	--	--	
	do	do	do	--	--	Apr. 1973	7	842,100	1.74	--	--	--	
	do	do	do	--	--	Mar. 1974	.9	842,100	1.74	--	--	--	
49-11	Logan-Slough Wshd. Site 2	Trib. Slough Creek	Direct, Tex.	.65	.58	Oct. 1966	--	342.43	.99	--	--	--	SCS
	do	do	do	--	--	Sept 1973	6.9	336.43	.97	--	1.55	2,663	
49-12	Wister Lake	Poteau River	Wister, Okla.	993	957	Oct. 1949*	--	429,003	.54	--	--	--	CE
	do	do	do	--	--	July 1972	22.75	427,888	.54	66.3	.051	74	
			RED RIVER BASIN (ABOVE DENISON)										
50-1	Ardmore Club Lake	Caddo Creek	Ardmore, Okla.	4.15	3.91	Dec. 1922	--	1,797	--	--	--	--	SCS
	do	do	do	--	--	June 1938	15.5	1,644	--	40.7	2.52	2,234	
50-2	Byars Club Lake	Unnamed Stream	Byars, Okla.	2.66	2.55	-- 1904	--	507	--	--	--	--	SCS
	do	do	do	--	--	-- 1950	46	371	--	--	1.16	--	
50-3	Carter Lake	Big Glasses Creek	Madill, Okla.	1.81	1.7	-- 1936	--	865	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1949	13	837	--	--	1.26	--	
50-4	J. J. Harrison Lake	Trib. of Washita River	Lindsay, Okla.	.88	.81	Feb. 1932	--	349	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1950	18	282	--	--	4.59	--	
50-5	C. W. Lester Farm Pd. #1	Trib. Broken Leg Creek	Cheyenne, Okla.	2.04	2.03	-- 1945	--	42.4	--	--	--	--	SCS
	do	do	do	--	--	June 1949	4	22.8	--	--	2.41	--	
50-6	C. W. Lester Farm Pd. #2	do	do	.64	.63	June 1944	--	16.3	--	--	--	--	SCS
	do	do	do	--	--	June 1949	[illegible]	13.1	--	--	1.02	--	
50-7	Santa Rosa Lake	Beaver Creek	Vernon, Tex.	336	334	Oct. 1929	--	15,755	--	--	--	--	SCS
	do	do	do	--	--	Jan. 1948	18.2	11,568	--	--	.689	--	
50-8	Lake Duncan	Fitzpatrick Creek	Duncan, Okla.	11	10.4	Oct. 1937	--	6,291	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1950	12.8	5,783	--	63.4	3.82	5,275	
50-9	Lake Clinton	Turkey Creek	Canute, Okla.	23.6	23.1	Dec. 1930	--	4,415	--	--	--	--	SCS
	do	do	do	--	--	June 1938	7.4	3,981	--	63.36	2.54	3,505	
	do	do	do	--	--	Nov. 1950	12.4	3,343	--	65.9	2.23	3,201	
50-10	Bellevue	Clay Creek	Bellevue, Tex.	*1.5	1.44	-- 1888	--	131	--	--	--	--	SCS
	do	do	do	--	--	May 1938	50	85	--	--	.64	--	
50-11c	Altus Reservoir	North Fork Red River	Altus, Okla.	2,515	2,104	2/Dec. 1940	--	192,842	--	--	--	--	BR
	do	do	do	--	--	June 1948	7.5	185,035	--	52.3	.495	564	
	do	do	do	--	--	July 1953	5.1	178,610	1.74	66.9	.599	1,104	
	do	do	do	--	--	Apr. 1967	13.8	168,117	1.61	70.2	.361	588	
50-12b	Lake Texoma (Denison D.)	Red River	Denison, Tex.	39,719	28,925	July 1942	--	5,859,000	--	--	--	--	CE
	do	do	do	--	--	Oct. 1948	6.2	5,718,000	--	52.1	.785	891	
	do	do	do	--	--	June 1954	5.7	5,553,000	--	57.9	1	1,261	
	do	do	do	--	--	Mar. 1962	7.8	5,392,900	--	62.5	.709	965	
50-13	Barbour Pond	Trib. Little Washita R.	Chickasha, Okla.	.68	.67	Sept 1935	--	59.9	.512	---	--	--	SCS
	do	do	do	--	--	May 1955	19.7	41.8	.357	*75	1.37	2,238	
50-14b	Cavalry Creek Site No. 1	Washita	Cordell, Okla.	2.19	2.11	July 1948	--	505.4	3.05	--	--	--	SCS
	do	do	do	--	--	Sept 1959	11.15	476.6	2.87	74.5	1.22	1,979	
	do	do	do	--	--	Aug. 1964	4.89	471.8	2.84	74.5	.46	751	
	do	do	do	--	--	June 1969	4.85	458.8	2.77	--	1.27	2,023	
	do	do	do	--	--	June 1974	5.02	436.1	2.63	--	2.14	3,135	
50-15a	Chigley Sandy Site No. 5	Chigley Sandy	Wynnewood, Okla.	.81	.79	June 1955	--	263.67	1.41	--	--	--	SCS
	do	do	do	--	--	Aug. 1959	4.12	258.74	1.384	60.3	1.52	1,996	
	do	do	do	--	--	Oct. 1963	4.15	248.2	1.327	60.3	3.22	4,229	

50-16	Coit Pond No. 1	Unnamed	Clinton, Okla.	.39	.38	Mar. 1947	--	25.69	.706	--	--	--	SCS
	do	do	do	--	--	July 1957	10.28	21.53	.591	61.49	1.07	1,433	
50-17	Dean Pond No. 1	Trib. Nine Mile Creek	Cheyenne, Okla.	.0359	.0354	Spr. 1944	--	1.078	.469	--	--	--	SCS
	do	do	do	--	--	Mar. 1955	11	.807	.351	91	.69	1,368	
50-18	Dean Pond No. 2	do	do	.164	.161	Spr. 1941	--	15.8	1.505	--	--	--	SCS
	do	do	do	--	--	Mar. 1955	14	13.4	1.276	88	1.06	2,032	
50-19	George Pond	Unnamed	Canadian, Tex.	.535	.535	June 1952	--	15.197	.407	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	5.796	13.463	.361	70.95	.559	864	
50-20	Hall Pond No. 1	do	Leedey, Okla.	.2	.2	May 1939	--	17.59	.239	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	18.25	13.47	.183	*70.2	1.15	1,758	
50-21	Harrison No. 1	do	Canadian, Tex.	.237	.237	May 1952	--	22.163	.594	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	5.93	21.706	.581	79.68	.325	564	
50-22	Harrison No. 2	do	do	.292	.292	Sept 1951	--	15.655	.419	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	6.59	14.242	.382	68.53	.733	1,094	
50-23	Lake Kemp	Wichita River	Seymour, Tex.	2,099	2,067	Oct. 1922	--	560,000	2.493	--	--	--	SCS
	do	do	do	--	--	Sept 1958	36	461,757	2.056	--	1.32	--	
50-24b	Mill Creek Site #17	Mill Creek	Sulphur, Okla.	1.61	1.51	Dec. 1948	--	498.4	1.06	--	--	--	SCS
	do	do	do	--	--	July 1959	10.63	492.1	1.04	70	.4	610	
	do	do	do	--	--	Aug. 1966	7.06	487.1	1.03	--	.5	487	
	do	do	do	--	--	May 1972	5.78	470.4	1	--	1.9	3,351	
50-25	Muncrief Farm Pond	Trib. of Sandy Creek	Wynnewood, Okla.	.031	.029	Aug. 1935	--	8.71	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1957	22.22	7.968	--	*60	1.15	1,503	
50-26a	Cobb Creek No.3	Washita	Weathertora, Okla.	8.28	8.18	Jan. 1957	--	2,401.1	2.72	--	--	--	SCS
	do	do	do	--	--	Aug. 1960	3.58	2,303.3	2.61	90	3.34	6,547	
	do	do	do	--	--	Oct. 1964	4.14	2,277.3	2.58	90	.77	1,509	
	do	do	do	--	--	Aug. 1970	5.81	2,218.1	2.51	*91	1.24	2,563	
50-27b	Sandstone Site No. 1	do	Hammon, Okla.	5.33	5.22	May 1951	--	1,591.29	4.67	--	--	--	SCS
	do	do	do	--	--	Apr. 1956	4.96	1,453.69	4.26	61.49	5.31	7,111	
	do	do	do	--	--	May 1960	4.06	1,380.47	4.05	83.11	3.46	6,263	
	do	do	do	--	--	Aug. 1965	5.02	1,344.75	3.94	83.11	1.36	2,462	
	do	do	do	--	--	July 1970	4.92	1,338.82	3.93	*83	.23	360	
50-28c	Sandstone Site No. 3	Trib. of Sandstone	Elk City, Okla.	.62	.6	Apr. 1951	--	157.7	4.34	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	5.47	148.4	4.08	70	2.83	4,314	
	do	do	do	--	--	Oct. 1961	5	.4	3.85	73	2.8	4,841	
	do	do	do	--	--	July 1966	4.8	125.6	3.5	--	5	7,919	
	do	do	do	--	--	Aug. 1971	5.13	123.2	3.39	--	.78	1,710	
50-29a	Sandstone Site No. 5	Washita	do	3.89	3.84	Mar. 1951	--	1,273.21	4.45	--	--	--	SCS
	do	do	do	--	--	July 1957	6.39	1,217.58	4.26	95.7	2.27	4,731	
	do	do	do	--	--	Sept 1961	4.19	1,152.23	4.03	--	4.06	5,501	
	do	do	do	--	--	July 1966	4.81	1,127.06	3.94	*80	1.36	1,980	
50-30c	Sandstone Site No. 6	Sandstone	do	6.46	5.08	Apr. 1951	--	1,956.1	4.11	--	--	--	SCS
	do	do	do	--	--	Oct. 1962	11.53	1,813.2	3.81	71	2.4	3,773	
	do	do	do	--	--	Sept 1967	4.96	1,806.2	3.8	--	.3	703	
	do	do	do	--	--	June 1972	4.75	1,791	3.77	--	.6	998	
50-31a	Sandstone Site No. 9	do	do	3.5	3.46	Mar. 1951	--	1,275.09	4.94	--	--	--	SCS
	do	do	do	--	--	Oct. 1957	6.58	1,217.59	4.72	75.78	2.52	4,160	
	do	do	do	--	--	Oct. 1962	5	1,178.72	4.57	79.4	2.2	4,148	
	do	do	do	--	--	Sept 1967	4.93	1,175.25	4.56	*80	.2	436	
50-32c	Sandstone Site No. 10A	Washita	do	2.87	2.75	Apr. 1951	--	1,046	6.21	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	5.5	1,018.8	6.05	79	1.8	3,097	
	do	do	do	--	--	Sept 1961	4.9	943.9	5.06	83	5.55	10,224	
	do	do	do	--	--	July 1966	4.8	888	5.27	--	4.23	5,744	
	do	do	do	--	--	June 1972	5.9	877.1	5.21	--	.67	1,795	
50-33b	Sandstone Site No. 14	do	do	1.02	1	Sept 1951	--	315.15	4.85	--	--	--	SCS
	do	do	do	--	--	May 1960	8.68	288.09	4.43	93.08	3.42	6,320	
	do	do	do	--	--	Aug. 1965	5.25	286.79	4.4	68.1	.25	371	
	do	do	do	--	--	July 1970	4.98	275.82	4.24	*75	2.2	3,611	
50-34c	Sandstone Site No. 16	Trib. Sandstone	do	11.47	11.28	Aug. 1952	--	4,463.4	7.29	--	--	--	SCS
	do	do	do	--	--	July 1957	4.92	4,294.5	7.02	78	3.1	5,267	
	do	do	do	--	--	Sept 1961	4.21	4,164.9	6.81	75	2.78	4,305	
	do	do	do	--	--	Aug. 1966	4.86	4,028.3	6.6	--	2.35	2,464	
	do	do	do	--	--	July 1971	4.93	4,011.3	6.56	--	.49	926	
50-35c	Sandstone Site No. 16A	do	Cheyenne, Okla.	8.78	5.03	Dec. 1951	--	2,065.9	4.41	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	4.82	2,033.9	4.35	81	1.32	2,311	
	do	do	do	--	--	Sept 1961	4.88	1,987.9	4.25	80	1.87	3,260	
	do	do	do	--	--	Aug. 1966	4.86	1,979.5	4.23	--	.34	580	
	do	do	do	--	--	Aug. 1971	5.06	1,939.9	4.14	--	1.56	3,673	
50-36b	Sandstone Site No. 17	Currant Creek	do	10.13	10.04	Aug. 1951	--	3,584.9	5.53	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	5.13	3,465.8	5.35	70.4	2.31	3,540	
	do	do	do	--	--	Oct. 1960	4.04	3,322.4	5.13	59	3.53	5,418	
	do	do	do	--	--	Aug. 1965	4.79	3,292.7	5.08	59	.62	797	
	do	do	do	--	--	June 1970	4.91	3,276	5.06	*60	.34	526	
50-37a	Sandstone Site No. 22	Sandstone	do	2.25	2.2	Aug. 1951	--	970.7	6.14	--	--	--	SCS
	do	do	do	--	--	Oct. 1957	6.16	942.12	5.97	81.53	2.08	3,594	
	do	do	do	--	--	Oct. 1962	5	913.51	5.78	79.4	2.64	4,445	
	do	do	do	--	--	Sept 1967	4.96	873.9	5.63	*83	3.63	7,036	
50-38	Stickley Pond No. 4	Canadian River	Canadian, Tex.	.171	.171	Jan. 1947	--	15.794	.329	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	11.266	13.943	.29	77.65	.959	1,622	
50-39	Stickley Pond No. 6	do	do	.162	.162	Oct. 1945	--	21.035	.438	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	12.564	16.627	.346	85.34	2.167	4,026	
50-40	Wheeler Farm Pond	do	do	.205	.205	Dec. 1944	--	7.353	.197	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	13.33	6.673	.179	82.73	.249	449	

1/ No appreciable sedimentation.
2/ Date of original survey for new dam over deposits placed behind old dam.

* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN ACRE-FT	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			RED RIVER BASIN (ABOVE DENISON) (Continued)										
50-41c	Whiteshield Cr. Site #4-	Washita----------	Elk City, Okla.---	.62	.58	Jan. 1949	--	223.4	4.33	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	[illegible]	207.7	[illegible]	[illegible]	[illegible]	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1964	4.91	199.6	[illegible]	[illegible]	[illegible]	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	June 1969	4.85	179.9	[illegible]	-	[illegible]	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	June 1974	5.01	162.3	3.15	--	[illegible]	12,440	
50-42c	Wildhorse No. 1---------	Wildhorse----------	Davis, Okla.-------	.97	.92	May 1949	--	242.4	[illegible]	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	July 1959	10.25	236.2	1.11	91	[illegible]	877	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1963	4.25	233.8	[illegible]	91	[illegible]	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	July 1968	4.82	229.	1.06	--	1.02	1,[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	July [illegible]	4.[illegible]	[illegible]	[illegible]	--	[illegible]	[illegible]	
50-43b	Wildhorse Creek No. 33--	Trib. of Wildhorse-----	Duncan, Okla.------	1.77	1.67	Mar. 1950	--	586.6	1.78	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1960	10.5	565.6	1.71	85	1.19	2,203	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1965	4.95	548.7	[illegible]	74	2.04	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	5.06	529.5	1.58	--	[illegible]	[illegible]	
50-44c	Owl Creek No. 1---------	Owl Creek----------	Wayne, Okla.-------	.61	.56	Apr. 1949	--	206.3	1.49	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1959	10.32	200	1.44	[illegible]	1.1	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1963	4.[illegible]	194	1.4	--	2.[illegible]	1,244	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	4.84	190.3	1.37	--	1.4	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1973	5.01	181.5	[illegible]	--	[illegible]	[illegible]	
50-45b	Chigley Sandy Site No. 4	Washita----------	Wynnewood, Okla.--	3.8	3.61	Aug. 1955	--	1,075.3	1.24	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1958	[illegible]	1,054.7	[illegible]	51.61	2.17	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1963	5.52	1,018	1.17	51.61	1.85	2,076	
	-----do----------	-----do----------	-----do----------	--	--	July [illegible]	[illegible]	[illegible]	[illegible]	--	[illegible]	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	May 1974	4.87	948.4	1.09	--	1.04	734	
50-46	Flood Retarding Structure #2 Rush Cr. Wshd.	Rush Creek----------	Rush Springs, Okla.	2.13	2.05	Aug. 1959	--	855.09	1.929	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1965	5.9	829.6	1.881	77.75	1.36	2,303	
50-47b	Barnitz No. 14----------	Barnitz----------	Clinton, Okla.-----	4.22	4.01	Nov. 1958	--	1,723.2	4.34	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1963	4.85	1,645.9	4.18	--	3.3	[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	4.87	1,633.9	4.15	--	.6	863	
	-----do----------	-----do----------	-----do----------	--	--	June 1973	4.82	[illegible]	4.06	--	1.4	[illegible]	
50-48	Sugar Creek Site No. 13-	Sugar Creek----------	Hinton, Okla.------	1.99	1.93	Feb. 1964	--	532.17	2.137	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	1.7	509.79	2.023	62.27	8.65	15,499	
50-49a	Upper Washita Site #25--	Gageby Creek----------	Canadian, Tex.-----	7.14	6.96	Nov. 1961	--	1,315.92	4.61	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	-----do----------	-----do----------	-----do----------	--	-	Sept 1974	[illegible]	[illegible]	4.[illegible]	91	1/[illegible]	1/115	
50-50a	Kent Creek Wshd. Site #1	Kent Creek----------	Quitaque, Tex.-----	1.52	1.46	Apr. 1964	--	625.8	15.44	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1966	2.1	617.15	15.23	61	1/2.67	1/3,547	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	8.3	541.21	13.35	66	1/6	1/8,697	
50-51	Rush Creek No. 2--------	Rush Creek----------	Rush Springs, Okla.	2.13	2.05	Aug. 1959	--	656	2.31	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1965	5.9	639.6	2.25	77.75	1.36	2,303	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	5.10	[illegible]	2.24	*77	.39	634	
50-52	Saddle Mountain No. 2---	Saddle Mountain Creek--	Carnegie, Okla.----	3.43	3.37	Apr. 1959	--	771.3	2.11	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1965	5	2/--	--	98	2/.47	2/[illegible]	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	5.26	751.4	2.05	*60	.53	734	
50-53	Lake Nocona----------	Farmers Creek----------	Nocona, Tex.-------	92.18	89.73	Apr. 1961	--	28,859.83	1.57	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1972	11.25	27,882.19	1.49	97	1.46	1,177	
50-54	Rock Creek Site 6-------	Trib. Rock Creek-------	Sulphur, Okla.-----	4.54	4.39	May 1966	--	1,149.22	1.03	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1971	5.04	1,147.1	1.02	--	.55	661	
50-55	Upper Washita Site 21---	Gageby Creek----------	Wheeler, Tex.------	16.94	16.46	Jan. 1961	--	3,703.4	4.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1972	11.3	3,675.17	4.07	*58	1/.14	1/292	
			SABINE, NECHES, AND TRINITY RIVER BASINS										
51-1	Terrell City Lake-------	Kings Creek----------	Terrell, Tex.------	9.2	8.71	Oct. 1921	--	2,219	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1949	28.25	1,605	--	59.2	2.49	3,211	
51-2	Lower Beaton Lake-------	Trib. of Elm Creek-----	Corsicana, Tex.----	.91	.82	--	1895*	319	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	54	205	--	--	2.57	--	
51-3	Burke Neck Lake---------	-----do----------	-----do----------	.58	.54	--	1880	181	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	69	92	--	--	2.39	--	
51-4	Lake Dallas----------	Elm Fk. Trinity River--	Denton, Tex.-------	1,174	1,157	Feb. 1928	--	180,759	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1938	10.5	167,072	--	53	1.13	1,304	
51-5	Lake Halbert----------	Elm Creek----------	Corsicana, Tex.----	3/9.48	8.56	--	1921	8,012	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	28	6,657	--	67.4	5.66	8,308	
51-6	Magnolia L. (Red Horse)-	Trib. of Elm Creek-----	-----do----------	.59	.43	--	1885	756	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	64	659	--	--	3.53	--	

51-[illegible]	Mountain Creek	Mountain Creek	Dallas, Tex.	280	274.4	Mar. 1937	--	27,520	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Nov. 1946	[illegible].7	27,1[illegible]	--	--	[illegible].91	--	
51-[illegible]	White Rock Lake	White Rock Creek	-do-	99.1	97.4	Apr. 1910	--	18,1[illegible]	.8	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1935	[illegible]	14,[illegible]	.[illegible]	[illegible]	1.[illegible]	1,[illegible]	
	-do-	-do-	-do-	--	--	Mar. 1956	20.9	12,[illegible]1	.[illegible]1	[illegible]	.[illegible]7	[illegible]	
	-do-	-do-	-do-	--	--	Oct. 1970	11.[illegible]	1[illegible],4[illegible]	.[illegible]	[illegible]	1.11	[illegible]	
51-[illegible]	Grand Saline	Simmons Branch	Grand Saline, Tex.	2.12	2.02	Feb. 1925	--	[illegible]	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1936	13.25	[illegible]	--	38.7	.92	601	
51-10	T & P	Town Creek	Weatherford, Tex.	6.24	[illegible].18	-- 1930	--	[illegible]	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Nov. 193[illegible]	[illegible].5	[illegible]	--	[illegible]	.7[illegible]	1,[illegible]	
51-11	Lake Clark	Waxahachie Creek	Ennis, Tex.	3.14	2.87	-- 4/	--	5/2,08[illegible]	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Dec. 1950	--	5/1,741	--	*5[illegible]	5/2.[illegible]	2,9[illegible]	
51-12	Kemp City	Cedar Creek	Kemp, Tex.	1.48	1.42	June 1926	--	[illegible]76	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1939	12.[illegible]	2[illegible]	--	--	[illegible]	--	
51-13	Variety Club Boys' Ranch Lake	Unnamed trib.	Bedford, Tex.	.[illegible]	.29	June 1942	--	[illegible]8	--	-	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1950	7.8	[illegible]	--	--	2.21	--	
51-14	Wills Point	Magbee Creek	Wills Point, Tex.	1.83	1.75	Sept 1914	--	[illegible]96	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1938	23.6	275	--	[illegible].1	2.[illegible]	[illegible],835	
51-15	Bridgeport	West Fork Trinity River	Bridgeport, Tex.	1,051	1,033	-- 1932	--	6/292,000	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Feb. 1943	10.8	283,240	--	--	.785	--	
51-16a	Eagle Mountain	-do-	Fort Worth, Tex.	1,875	7/809	Mar. 1934	--	6/211,000	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Mar. 1939	5	205,175	--	--	1.44	--	
	-do-	-do-	-do-	--	--	Nov. 1952	13	182,[illegible]	--	--	2.2	--	
51-17	Lake Erie	Unnamed trib.	-do-	1.05	1.01	-- 1899	--	[illegible]79	--	--	--	--	
	-do-	-do-	-do-	--	--	Apr. 1939	40	204	--	--	1.63	--	
51-18	Mabank City Lake	Trib. of Cedar Creek	Athens, Tex.	.36	.33	-- 1926	--	295	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1939	13	271	--	--	5.51	--	
51-19	Wolf Creek	Wolf Creek	Palestine, Tex.	2.5	2.5	-- 1919	--	222	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1939	20	199	--	--	.46	--	
51-20	Elkins Lake	East Sandy Creek	Huntsville, Tex.	3.19	3.05	-- 1930	--	356	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	July 1950	20	[illegible]12	--	--	.72	--	
51-21	Murphy Lake	East Fork Trinity River	Crandall, Tex.	4.09	3.98	Oct. 1922	--	[illegible]97	--	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1933	10.5	138	-	*60	3.94	[illegible],150	
51-22	Loring Lake	Trib. Herrican Creek	Zwolle, La.	1.05	.95	Sept 1928	--	663	.789	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Sept 1954	[illegible]	[illegible]23	.742	[illegible]	[illegible]	[illegible]	
51-[illegible]	Kerens City Lake	Cow Creek	Kerens, Tex.	[illegible].42	[illegible]	Sept 19[illegible]	[illegible]	630	.257	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	July 1954	17.[illegible]	[illegible]54	.[illegible]	[illegible]	[illegible]	[illegible]	
51-24	Variety Club Lake	Trib. of Trinity River	Bedford, Tex.	.29	.29	July 1942	--	38	*.441	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	May 1950	7.8	33	*.426	--	2.21	--	
51-25b	Clear Fk. Wshd. Site 10	Trinity River	Weatherford, Tex.	4.3	4.12	Oct. 1955	--	1,4[illegible].49	1.9	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1963	7.5	1,430.91	1.84	--	--	--	
	-do-	-do-	-do-	--	--	May 1968	5.1	1,411.04	1.82	86	.92	1,682	
	-do-	-do-	-do-	--	--	June 1973	5.1	1,403.27	1.81	--	.57	482	
51-26c	Honey Creek Site No. 11	Honey Creek	McKinney, Tex.	1.99	1.85	Feb. 1952	--	1,2[illegible]1	1.89	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1962	10.2	1,201.9	1.76	--	--	--	
	-do-	-do-	-do-	--	--	July 1967	5.[illegible]	1,166.7	1.71	[illegible]	1.[illegible]	[illegible],35[illegible]	
	-do-	-do-	-do-	--	--	Apr. 1972	4.7	1,156.1	1.7	*[illegible]2	[illegible].91	3,975	
51-27c	Honey Creek Site No. 12	Trib. E. Fork Trinity	-do-	1.28	1.2	Jan. 1952	--	[illegible].33	1.25	-	--	--	[illegible]
	-do-	-do-	-do-	--	--	July 1969	17.5	17[illegible].52	1.09	40.72	[illegible].59	[illegible],1[illegible]	
	-do-	-do-	-do-	--	--	June 1975	5.95	[illegible]7.24	1.04	--	2.[illegible]	2,219	
51-28a	Dawson City Lake	Trib. Richland Creek	Dawson, Tex.	1.16	1.07	Apr. 1937	--	[illegible]10	[illegible].473	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Feb. 1956	18.8	466	1.126	--	7.16	5,1[illegible]	
	-do-	-do-	-do-	--	--	Sept 1963	7.5	390.1	.942	--	3.46	6,387	
51-29	Lake Cherokee	Sabine River	Longview, Tex.	170	163.77	Oct. 1948	--	49,295	.426	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	Apr. 1960	11.5	45,70[illegible]	.412	6[illegible].12	1.37	2,490	
51-30a	Lavon Reservoir	East Fork Trinity River	Lavon, Tex.	770	738.1	8/-- 1945	--	42[illegible],400	1.34	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	9/Oct. 1953	--	4[illegible]4,450	1.38	--	--	---	
	-do-	-do-	-do-	--	--	Oct. 1959	6	425,960	1.[illegible]	53.1	1.9	[illegible],13[illegible]	
	-do-	-do-	-do-	--	--	Oct. 1965	6	416,494	1.32	30.9	2.14	2,472	
51-31b	Site #11B Elm Fk. Wshd.	Trinity River	Gainesville, Tex.	2	1.87	Nov. 1958	--	676.2	1.[illegible]	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	July 1963	4.67	[illegible]	1.31	78.[illegible]	1/.96	1/1,6[illegible]	
	-do-	-do-	-do-	--	--	Oct. 1968	5.25	654.6	1.28	81	1/.62	1/1,356	
	-do-	-do-	-do-	--	--	Sept 1973	4.88	648.8	1.27	[illegible].22	1/.18	1/60[illegible]	
51-32a	Garza-Little Elm Res. (Lewisville Dam).	Elm Fork Trinity River	Lewisville, Tex.	1,660	1,599	-- 1946	--	[illegible]	[illegible]	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	10/-- 1952	--	1,0[illegible],900	2.28	--	--	--	
	-do-	-do-	-do-	--	--	11/Nov. 1954	--	1,003,400	2.28	--	--	--	
	-do-	-do-	-do-	--	--	Sept 1960	5.88	989,728	2.25	50.6	1.46	1,609	
	-do-	-do-	-do-	--	--	Sept 1965	5.04	981,769	2.23	50.6	.99	1,089	
51-33	Dam B Reservoir	Neches	Jasper, Tex.	12/7,573	7,546.6	-- 1947	--	124,700	.032	--	--	--	[illegible]
	-do-	-do-	-do-	--	--	-- 1951	--	13/131,142	.034	--	--	--	
	-do-	-do-	-do-	--	--	Feb. 1960	8.85	131,681	.034	60.9	14/.025	14/[illegible]	

1/ Sediment pool only.
2/ Area above sediment pool riser was not surveyed in 1965.
3/ Excludes area above two lakes in watershed which contributes occasional flow to Lake Halbert.
4/ Lake Clark was built in 1940 downstream from "Ennis New Lake" or "Club Lake" which was built in 1895. Club Lake and a small pond now submerged by Lake Clark.
5/ Data based upon combined capacities, drainage area, and sediment volumes of all lakes in system.
6/ Water supply pool capacity. Does not include surcharge or flood storage.
7/ Excludes area above Bridgeport Reservoir which lies upstream from Eagle Mt. Reservoir.
8/ Original capacity from map by stereo photogrammetric methods.
9/ "Original" or 1945 capacity adjusted in 1961 by range line controls established in 1953 give "Oct. 53" area and capacity.
10/ Adjusted for 1952 survey of Lake Dallas.
11/ Adjusted in Apr. 1963 for detailed range survey in 1952-53-54.
12/ Determined by USGS Nov. 1961.
13/ 1951 adjusted data.
14/ Deposits above Highway 190 bridge only. Not corrected for degradation between highway and dam.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
				SABINE, NECHES, AND TRINITY RIVER BASINS (Continued)									
51-34a	Clear Creek Site 21-----	Trinity River----------	Muenster, Tex.----	1.54	1.48	May 1962	--	479.4	1.37	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1967	5.19	468.8	1.34	--	1.4	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1973	5.99	46[illegible]	1.34		.25	422	
51-35	Upper Lake Fk. Wshd. Site 23	Sabine River----------	Sulphur Spr., Tex.	9.39	8.8	Aug. 1962	--	3,703.5	.69	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1967	5.2	3,282.9	.69	--	.45	652	
51-36	Lake Amon G. Carter-----	Big Sandy Creek--------	Bowie, Tex.--------	103	101	May 1956	--	15,805.75	1.07	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1967	11	15,238.06	1.03	55.19	.51	613	
51-37a	Chambers Creek Site 37--	Trib. Chambers Creek---	Keene, Tex.--------	2.05	1.95	Dec. 1960	--	624.84	1.34	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1964	3.8	619.27	1.33	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1969	4.7	617.89	1.33	49	.16	445	
	-----do----------	-----do----------	-----do----------	--	--	May 1974	5	609.92	1.31	--	.82	744	
51-38a	Chambers Cr. Site 101-A-	Trinity River----------	Frost, Tex.--------	2.58	2.34	Apr. 1960	--	1,152.11	1.2	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	4.5	1,117.61	1.16	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	3.9	1,114.89	1.16	54.9	2.49	2,806	
51-39a	Clear Fork Trinity Site #7	Trib. Trinity River----	Poolville, Tex.---	2.55	2.44	Oct. 1955	--	746.9	1.57	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1969	13.5	626.29	1.32	47.2	3.60	3,760	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1974	5	600.09	1.26	--	2.14	3,388	
51-40a	Denton Cr. Wshd. Site 17	Trinity River----------	Decatur, Tex.------	4.1	3.96	Oct. 1963	--	1,621.33	2.7	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	5	1,557.16	2.6	--	3.26	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1973	4.7	1,534.37	2.54	--	1.76	2,216	
51-41a	E. Keechi Cr. Site No. 1	Trib. Brazos River-----	Perrin, Tex.------	6.63	6.37	Jan. 1964	--	1,845.56	1.66	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1968	4.4	1,827.15	1.64	*72	.66	1,035	
	-----do----------	-----do----------	-----do----------	--	--	May 1975	6.95	1,811.56	1.63	--	.35	446	
51-42	Lake Weatherford--------	Clear Fork Trinity-----	Weatherford, Tex.-	109	1/63.06	Mar. 1957	--	21,238.61	2/1.57	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1973	16.08	19,6[illegible]5.72	2/1.47	58.15	1.35	1,12[illegible]	
51-43	Warren Ranch Lake-------	Rock Hollow----------	Hockley, Tex.------	9.42	9.09	-- 1952	--	1,132	.56	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1971	19	987	.5	38	2.47	2,0[illegible]	
				LOWER BRAZOS, LOWER COLORADO, GUADALUPE, SAN ANTONIO, AND NUECES RIVER BASINS									
52-1	Lake Corpus Christi-----	Nueces River----------	Mathis, Tex.-------	16,800	16,791	July 1934	--	54,426	.08	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1942	7.6	43,801	.064	34.9	.083	63	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1948	6	39,387	.058	35.6	.044	30	
52-2	Medina Lake----------	Medina River----------	San Antonio, Tex.-	587	578	Mar. 1913	--	274,065	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1937	23.9	267,630	--	61.1	.465	619	
	-----do----------	-----do----------	-----do----------	--	--	May 1948	11.3	265,075	--	75	.391	--	
52-3	Buchanan----------	Colorado River---------	Burnet, Tex.-------	3/19,350	19,313	June 1937	--	970,010	*.649	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1941	3.7	954,859	*.639	--	.21	--	
52-4	Moss Ranch Stock Pond---	S. Bull Creek----------	Llano, Tex.--------	.07	.07	-- 1909	--	4.7	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1941	32	4.5	--	--	.07	--	
52-5	Moss Ranch Stock Pond---	W. Bull Creek----------	-----do----------	.2	.19	-- 1903	--	9.3	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1941	38	9.1	--	--	.021	--	
52-6	Helms Tank----------	Trib. of Sandy Creek---	-----do----------	.15	.14	-- 1916	--	12	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1941	25	11.6	--	--	.12	--	
52-7	Baker Lake----------	Trib. San Antonio River	Somerset, Tex.-----	3.17	3.1	Sept 1950	--	251	.595	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1955	4.95	228	.54	34.65	1.5	1,132	
52-8a	Calaveras Creek Site #6-	Calaveras Creek--------	San Antonio, Tex.-	7.01	6.7	Dec. 1956	--	1,697.82	1.65	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1968	11.25	1,661.12	1.62	66.17	.49	706	
52-9a	Escondido Cr. Wshd. Site #11	San Antonio River------	Kenedy, Tex.-------	8.43	7.96	July 1960	--	2,665.4	1.98	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	5.2	2,634.4	1.95	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1971	8.7	2,622.4	1.94	4/55.04	.17	236	
52-10	Rudder Pond----------	Trib. of Llano River---	Hext, Tex.---------	1.35	1.34	Aug. 1951	--	11.96	.081	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1955	4	11.45	.078	--	.09	--	
52-11	Sirianni Lake----------	Trib. of Hondo Creek---	Moore, Tex.--------	.769	.747	Feb. 1951	--	80.3	1.959	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1955	4.54	76.5	1.866	45.6	1.12	1,112	
52-12	Smith Pond----------	Trib. of Bonito Creek--	Jourdanton, Tex.---	.191	* .188	Apr. 1953	--	6.41	.361	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1955	2.4	5.6	.315	27.8	1.8	1,090	
52-13	Thornton Lake----------	Cibalo Creek----------	Boerne, Tex.-------	1.54	1.52	Sept 1952	--	142.4	.378	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1955	2.91	135.2	.349	--	1.04	--	
52-14	Iley Lake----------	Guadalupe River--------	Gonzales, Tex.-----	2.34	2.32	Jan. 1949	--	5/48.97	.078	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1964	15.42	43.75	.07	38.[illegible]	.15	[illegible]	
52-15	Blackwell Lake----------	Trib. of Deer Creek----	Cuero, Tex.--------	2.76	2.75	Sept 1949	--	5/45.12	.061	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1964	14.75	41.51	.056	59.6	.09	97	

52-16b	Site #1 Escondido Creek-	San Antonio River------	Kenedy, Tex.------	3.01	2.84	Sept	1954	--	924.7	2.30	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1964	9.8	906.2	2.26	--	.67	6/763	
	-----do----------	-----do----------	-----do----------	--	--	July	1969	5.1	890.1	2.22	--	1.12	1,710	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1975	6.1	877.8	2.19	--	.71	1,433	
52-17	Cummings Cr. Wshd Site 6	Trib. Cummings Creek---	Giddings, Tex.-----	2.99	2.76	Aug.	1958	--	858.3	.77	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1963	5.1	855.2	.77	--	.22	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug.	1969	5.9	854.1	.75	--	.07	--	
52-18	Lower Plum Cr. Site 31--	Trib. Plum Creek-------	Lockhart, Tex.-----	3.51	3.26	May	1966	--	1,047.67	1.14	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1975	8.8	1,032.22	1.13	--	.54	881	
52-19	Vahlsing Lake----------	Bayou Creek----------	Mathis, Tex.-------	13.86	13.72	--	1953	--	519.63	.47	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	--	1971	18	459.95	.41	51	.24	267	

BRAZOS RIVER BASIN (SOUTH BEND TO WASHINGTON) MIDDLE, AND COLORADO RIVER BASINS

53-1	Lake Scarborough--------	Trib. Jim Ned Creek----	Coleman, Tex.------	10.8	10.6	May	1923	--	2,152	--	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	May	1940	17	2,007	--	51.41	.81	907	
53-2	Santa Anna Lake---------	Mud Creek----------	Santa Anna, Tex.--	1.17	1.05	May	1923	--	766	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1940	17	745	--	15.2	1.18	1,162	
53-3	Lake Eanes----------	Mercer Creek----------	Comanche, Tex.-----	13.76	13.57	May	1926	--	1,313	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1946	20.3	1,221	--	--	.304	--	
53-4	Lake Merritt----------	Browne Creek----------	Goldthwaite, Tex.-	11.65	11.5	May	1917	--	962	--	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	May	1940	23	855	--	43	.4	375	
53-5	Hubbard City Lake No. 3-	Trib. E. Cottonwood Cr.	Hubbard, Tex.-----	.16	.14	--	1913	--	7/104.5	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1949	36	90.2	--	--	2.88	--	
53-6	Hubbard City Lake No. 4-	E. Cottonwood Creek----	-----do----------	1.4	1.35	--	1917	--	7/318.2	--	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	May	1949	32	255.4	--	--	1.45	--	
53-7a	Rogers Lake----------	Trib. of Little River--	Rogers, Tex.------	.55	.51	Fall	1922	--	164	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1934	12	126.5	--	--	6.12	--	
53-8	Hubbard City Lake No. 1-	Trib. E. Cottonwood Cr.	Hubbard, Tex.-----	.5	.5	--	1898	--	8/110	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1949	51	84	--	--	1	--	
53-9	Hubbard City Lake No. 2-	-----do----------	-----do----------	.03	.03	--	1912	--	8/36.3	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1949	37	33	--	--	3	--	
53-10	Hubbard City Lake No. 5-	East Cottonwood Creek--	-----do----------	.11	.1	--	1925	--	44.8	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1949	24	37.8	--	--	3	--	
53-11	Lake Lawn----------	Redbank Creek----------	Lawn, Tex.---------	13	12.8	--	1911	--	530	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1941	30	354	--	--	.46	--	
53-12	Lometa----------	Salt & Emory Creeks----	Lometa, Tex.------	4.74	4.6	--	1912	--	759	--	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1941	29	732	--	--	.2	--	
53-13	Meridian Lake----------	Bee Creek----------	Meridian, Tex.-----	3.1	3.2	--	1914	--	72[illegible]	--	-	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1946	11	602	--	--	.1[illegible]	--	
53-14	Miller Lake----------	Trib. of Horse Creek---	San Saba, Tex.----	.41	.38	Sept	1913	--	83	--	-	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1941	27.5	75	--	--	.71	--	
53-15	Odell Lake----------	Unnamed trib.----------	Hubbard, Tex.-----	.56	.55	July	1925	--	75.1	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1949	24	52.6	--	--	1.71	--	
53-16	Possum Kingdom Lake-----	Brazos River----------	Graford, Tex.-----9/	14,098	12,955	May	1941	--	729,985	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1949	7.75	672,420	--	--	.57	--	
53-17	Rock Crusher----------	Bachelor Creek---------	Coleman, Tex.-----	16.5	16.49	--	1910	--	153	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1941	31	80	--	--	.14	--	
53-18	Old Santa Anna City Lake	Mukewater Creek--------	Santa Anna, Tex.--	.9	.87	Jan.	1910	--	153	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1940	30.5	118	--	--	1.31	--	
53-19	Old Coleman City Lake---	Home Creek----------	Coleman, Tex.-----	.73	.69	Nov.	1906	--	289	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1940	33.6	273	--	--	.67	-	
53-20	Hamilton City Lake------	Two Mile Creek---------	Hamilton, Tex.-----	12	11.9	June	1923	--	610	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1941	17.75	560	--	--	.24	--	
53-21	Lake Leon----------	Leon River----------	Eastland, Tex.----	225	224.7	June	1920	--	10/1,637	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1941	20.75	1,275	--	--	.08	--	
53-22	Lake Mineral Wells------	Rock Creek----------	Mineral Wells, Tex.	74.4	73.4	--	1922	--	10,741	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec.	1941	19.5	9,032	--	--	1.19	--	
53-23	Buffalo Tank (Knox Tank)	Trib. of Pecan Bayou---	Coleman, Tex.-----	1.73	1.71	--	1900	--	33	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1941	41	29	--	--	.058	--	
53-24	R. G. Hollingsworth Stock Pond	-----do----------	-----do----------	2.6	2.58	June	1937	--	20	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1941	3.7	14	--	--	.66	--	
53-25	J. S. Wall Stock Pond---	Trib. of Brady Creek---	Brady, Tex.-------	.35	.35	--	1927	--	13	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1941	14	12.2	--	--	.16	--	
53-26	White Tank----------	Trib. of Pecan Bayou---	Brownwood, Tex.---	.8	.8	May	1936	--	4.5	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1941	4.8	3.6	--	--	.24	--	
53-27	Zimmerlee Stock Pd. (N.)	Trib. of Jim Ned Creek-	Lawn, Tex.---------	.13	.13	--	1916	--	1.12	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1941	25	.8	--	--	.1	--	
53-28	Stith Lake----------	Redbank Creek----------	-----do----------	1.04	1.01	Aug.	1926	--	102	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar.	1941	14.6	92	--	--	.62	--	
53-29	Philpsco Lake----------	Paint Creek----------	Pioneer, Tex.------	9.04	9	Apr.	1925	--	183	--	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1941	15.9	173	--	--	.07	--	
53-30b	Lake Brownwood----------	Pecan Bayou (Colo. R.)-	Brownwood, Tex.---	1,544	1,533	July	1932	--	149,925	1.011	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb.	1940	7.6	145,720	.983	41.9	.361	329	
	-----do----------	-----do----------	-----do----------	--	--	Sept	1959	19.6	135,963	.916	42.2	.325	299	

1/ Does not include 44.15 sq. mi. drainage area controlled by 22 SCS floodwater retarding structures, and 1.79 sq. mi. lake area.
2/ Adjusted because of upstream control of 22 SCS floodwater retarding structures.
3/ Drainage area is 31,250 sq. mi., of which 11,900 sq. mi. are noncontributing.
4/ Weighted average.
5/ Original capacity determined by spudding on 1964 survey.
6/ Sediment pool only.
7/ Dam was raised in 1925 and 1949. Capacities based on 1949 level.
8/ Dam was raised in 1925. Capacity based on 1925 level.
9/ Includes 1,111 sq. mi. of partially contributing drainage above lakes in watershed; excludes 8,900 sq. mi. of noncontributing drainage at head of watershed.
10/ Dam was raised 1 ft. in 1928. Capacity at 1928 spillway level.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			BRAZOS RIVER BASIN (SOUTH BEND TO WASHINGTON) MIDDLE, AND COLORADO RIVER BASINS (Continued)										
53-31a	Lake Waco (Old)	Bosque	Waco, Tex.	1/1,649	1/1,645	Apr. 1930	--	39,378	--	--	--	--	CE
	do	do	do	--	--	Feb. 1935	4.9	33,717	--	*58.5	.695	886	
	do	do	do	--	--	Feb. 1936	1	31,588	--	*58.5	1.28	1,631	
	do	do	do	--	--	Dec. 1947	11.8	22,026	--	*58.5	.487	621	
	do	do	do	--	--	Dec. 1964	17	15,427	--	--	.236	--	
53-32	Lake Eddleman	Flint Creek	Graham, Tex.	42	41.4	Feb. 1929	--	6,583	1.144	--	--	--	SCS
	do	do	do	--	--	May 1954	25.25	5,917	1.028	49.2	.64	687	
53-33c	Site No. 3 Cow Bayou	Trib. Brazos	Moody, Tex.	1.4	1.32	Nov. 1955	--	458.5	1.23	--	--	--	SCS
	do	do	do	--	--	Aug. 1960	4.75	393.3	1.05	--	10.4	--	
	do	do	do	--	--	Aug. 1965	5.04	375.4	1.01	--	2.69	--	
	do	do	do	--	--	Apr. 1970	4.69	366.7	.98	--	1.41	1,572	
	do	do	do	--	--	Aug. 1975	5.25	358.5	.96	--	1.18	1,897	
53-34b	Cow Bayou No. 4	Foster Branch	Bruceville, Tex.	5.25	5.04	July 1956	--	1,915	1.24	--	--	--	SCS
	do	do	do	--	--	Sept 1969	13.2	1,833.53	1.19	--	1.19	1,419	
	do	do	do	--	--	July 1975	5.8	1,812.1	1.18	--	.73	1,241	
53-35a	Deep Creek No. 3	Deep Cr.-Mid. Colo. R.	Brady, Tex.	3.42	3.19	Nov. 1953	--	925.18	2.8	--	--	--	SCS
	do	do	do	--	--	Aug. 1960	6.8	881.8	2.6	--	--	3,335	
	do	do	do	--	--	June 1965	4.8	874.62	2.66	--	--	--	
	do	do	do	--	--	Sept 1971	6.3	871.32	2.65	2/79	.16	277	
53-36b	Green Creek No. 1	Green Creek	Dublin, Tex.	3.57	3.38	Apr. 1955	--	1,095	1.96	--	--	--	SCS
	do	do	do	--	--	Jan. 1957	1.8	1,080	1.96	--	--	--	
	do	do	do	--	--	Apr. 1962	5.2	1,065	1.93	--	--	--	
	do	do	do	--	--	June 1967	5.2	1,063	1.93	73.6	.11	3/88	
	do	do	do	--	--	May 1972	4.9	1,054	1.91	--	.53	--	
53-37	Silver Lake	N. E. Trib. Leon River	do	.37	.334	-- 1910	--	153.8	2.435	--	--	--	SCS
	do	do	do	--	--	July 1960	50	145	2.296	--	.527	--	
53-38	Main Res. Deep Cr. Site #5	Colorado	Brady, Tex.	2.91	2.72	Aug. 1953	--	1,326.7	4.755	--	--	--	SCS
	do	do	do	--	--	July 1961	7.9	1,295.7	4.644	--	1.44	--	
53-39	Upper Res. Deep Creek Site 5	do	do	2.19	2.18	Aug. 1953	--	15.2	.072	--	--	--	SCS
	do	do	do	--	--	July 1961	7.9	11.2	.053	49.9	.23	250	
53-40a	Mukewater Cr. Site No. 9	Mid. Colorado River	Bangs, Tex.	4.75	4.55	Jan. 1961	--	732.94	1.38	--	--	--	SCS
	do	do	do	--	--	June 1965	4.42	708.42	1.33	--	1.22	--	
	do	do	do	--	--	July 1970	5.1	703.41	1.32	--	.22	--	
53-41a	Sulphur Creek Site 3	Lampasas River	Lampasas, Tex.	10.81	10.58	Dec. 1959	--	3,229.2	1.6	--	--	--	SCS
	do	do	do	--	--	Nov. 1962	2.8	3,224.7	1.6	--	--	--	
	do	do	do	--	--	Aug. 1968	5.8	3,223.3	1.6	55	3/.02	3/24	
53-42	Whitney Reservoir	Brazos River	Whitney, Tex.	4/17,656	5/3,480	Dec. 1941	--	6/2,013,600	--	--	--	--	CE
	do	do	do	--	--	Apr. 1959	7.4	1,999,500	--	62.6	.55	750	
53-43a	Site No. 8 Deep Creek	Dry Prong	Brady, Tex.	7/5.41	7/5.17	Dec. 1951	--	1,409.81	2.12	--	--	--	SCS
	do	do	do	--	--	Sept 1966	14.8	1,367.81	2.06	--	.71	--	
	do	do	do	--	--	Aug. 1972	5.9	1,359.54	2.05	--	.27	3/174	
53-44a	Site #10-A Mukewater Cr.	Mukewater Creek	Bangs, Tex.	15.26	14.59	Mar. 1965	--	3,164.89	1.85	--	--	--	SCS
	do	do	do	--	--	Aug. 1966	1.4	3,157.99	1.85	--	.34	--	
	do	do	do	--	--	Aug. 1972	6.06	3,138.38	1.84	--	.22	--	
53-45	Lake Daniel	Gonzales Creek	Breckenridge, Tex.	115	113	June 1949	--	10,731	.81	--	--	--	SCS
	do	do	do	--	--	Nov. 1970	21.4	9,515	.72	48	.49	512	
53-46	Site 9 Lower San Saba R.	Colorado River	San Saba, Tex.	3.03	2.88	Jan. 1960	--	645.79	1.6	--	--	--	SCS
	do	do	do	--	--	Sept 1967	7.67	635.49	1.57	--	.46	723	
53-47	Belton Lake	Leon River	Belton, Tex.	2,258.8	2,221.8	Mar. 1954	--	1,101,051	2.26	--	--	--	CE
	do	do	do	--	--	Oct. 1961	7.67	1,091,318	2.24	51.4	.39	437	
	do	do	do	--	--	Oct. 1966	5	1,086,196	2.23	51.4	.39	439	
53-48	Diversion Pond Above Site 8 Deep Cr. Wshd.	Trib. Deep Creek	Brady, Tex.	1.38	1.37	Dec. 1951	--	22.83	.135	--	--	--	SCS
	do	do	do	--	--	Sept 1966	14.8	19.15	.113	--	.18	--	
	do	do	do	--	--	Aug. 1972	5.9	18.45	.109	*42	.09	79	
53-49	Hords Creek Reservoir	Hords Creek	Coleman, Tex.	48	46.02	Apr. 1948	--	25,314	5.63	--	--	--	CE
	do	do	do	--	--	Oct. 1962	14.56	24,867	5.53	50.3	.67	734	
	do	do	do	--	--	Oct. 1968	6	24,734	5.5	*50.3	.48	528	
53-50	Site No. 12 Tehuacana Cr.	Trib. Tehuacana Creek	Waco, Tex.	5.93	5.59	July 1963	--	--	--	--	--	--	SCS
	do	do	do	--	--	July 1965	2	3/252.75	--	--	--	--	
	do	do	do	--	--	Aug. 1971	6.1	246.25	--	--	3/.18	--	

UPPER BRAZOS AND UPPER COLORADO RIVER BASINS

54-1	Lake Abilene	Elm Creek	Abilene, Tex.	98.5	97.5	Aug. 1921	--	10,325	--	--	--	--	SCS
	do	do	do	--	--	Sept 1948	27	9,786	--	*60	.21	274	
54-2b	Lake Nasworthy	South Concho	San Angelo, Tex.	3,294	3,119	Oct. 1930	--	11,485	*.046	--	--	--	SCS
	do	do	do	--	--	Dec. 1938	8.2	10,294	*.041	67.5	.046	68	
	do	do	do	--	--	May 1953	14.5	8/12,628	*.051	67.5	.023	34	
54-3	Lake Sweetwater	Bitter Creek	Sweetwater, Tex.	110	108.8	Feb. 1930	--	13,810	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1941	11.8	13,287	--	--	.41	--	
54-4	Lake Kirby	Cedar Creek	Abilene, Tex.	44	42.8	Sept 1928	--	8,133	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1941	13.2	7,618	--	--	.91	--	
54-5	Lake Throckmorton	South Elm River	Throckmorton, Tex.	11.54	11.32	Sept 1918	--	9/1,947	1.534	--	--	--	SCS
	do	do	do	--	--	June 1954	35.7	1,829	1.441	31.55	.29	199	
54-6a	Lake Fort Phantom Hill	Elm Fork, Brazos River	Abilene, Tex.	478	268	10/Oct. 1938	--	76,966	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	14.8	74,312	--	35.99	.67	525	
54-7	Mountain Creek	Mountain Creek	Robert Lee, Tex.	32	31.88	May 1950	--	945.3	.369	--	--	--	SCS
	do	do	do	--	--	Apr. 1961	10.9	804.9	.314	53.06	.4	462	
54-8	XQZ Ranch Pond	Trib. S. Concho River	San Angelo, Tex.	1.6	1.53	May 1937	--	276	2.24	--	--	--	SCS
	do	do	do	--	--	Aug. 1955	18.2	250	2.029	63.6	.93	1,288	
54-9	Lake Stamford	Paint Creek	Stamford, Tex.	360	352.34	June 1953	--	57,632.35	1.71	--	--	--	SCS
	do	do	do	--	--	May 1966	12.9	53,927.57	1.6	42.56	.82	760	
54-10	Site 18 Valley Cr. Wshd.	Trib. Valley Creek	Winters, Tex.	4.21	4.11	Aug. 1964	--	719.89	2.38	--	--	--	SCS
	do	do	do	--	--	June 1969	4.8	717.05	2.36	69	.14	210	
54-11	Lake Ballinger	Valley Creek	Ballinger, Tex.	210	209	Nov. 1947	--	3,872.09	.28	--	--	--	SCS
	do	do	do	--	--	Aug. 1970	22.8	3,070.42	.22	37	.17	137	
54-12	Lake Winters	Elm Creek	Winters, Tex.	63.62	63.14	Oct. 1945	--	2,518.2	.59	--	--	--	SCS
	do	do	do	--	--	July 1970	24.75	1,886.2	.44	39	.4	340	

RIO GRANDE BASIN (BELOW EAGLE PASS)

55-1	Site 6 Olmitos & Garcias Creeks	El Gato Creek	Rio Grande City, Tex.	13.19	12.94	June 1962	--	2,258.11	21.5	--	--	--	SCS
	do	do	do	--	--	Sept 1966	4.25	2,252.03	21.4	*75	.11	180	

RIO GRANDE BASIN (FORT QUITMAN TO EAGLE PASS) AND LOWER PECOS RIVER BASIN

56-1a	Cottonwood Detention	San Felipe Arroyo River	Fabens, Tex.	2.34	2.19	July 1937	--	500	16.129	--	--	--	SCS
	do	do	do	--	--	July 1954	17	378	12.154	--	3.28	--	
56-2	Rattlesnake Detention	do	do	5.15	11/2.81	July 1937	--	224.4	--	--	--	--	SCS
	do	do	do	--	--	July 1954	17	175.7	--	--	1.02	--	
56-3	Roberts Detention	do	do	2.34	2.31	July 1937	--	145.3	4.687	--	--	--	SCS
	do	do	do	--	--	July 1954	17	104.8	3.381	--	1.03	--	
56-4a	Fress Pond	Trib. of Devils River	Sonora, Tex.	.435	.43	Dec. 1944	--	7.31	.222	--	--	--	SCS
	do	do	do	--	--	Aug. 1955	10.75	6.97	.211	69.6	.074	112	
56-5	Lowrey Draw, Site No. 9	Lowrey Draw	do	2.77	2.64	June 1961	--	3/31.1	.49	--	--	--	ARS
	do	do	do	--	--	Feb. 1969	7.65	30.84	.48	64	.01	18	
56-6	Lowrey Draw, Site No. 10	Trib. Lowrey Draw	do	8.43	8.2	June 1961	--	3/95	.68	--	--	--	ARS
	do	do	do	--	--	Mar. 1969	7.83	94.38	.68	64	.01	14	
56-7	Lowrey Draw, Site No. 12	do	do	4.38	4.19	June 1961	--	3/85.46	.68	--	--	--	ARS
	do	do	do	--	--	Feb. 1969	7.65	84.03	.67	64	.04	62	
56-8	Lowrey Draw, Site No. 13	do	do	1.07	1.02	June 1961	--	3/56.26	3.28	--	--	--	ARS
	do	do	do	--	--	Mar. 1969	7.74	56.1	3.26	64	.02	28	
56-9	Site No. 1 Diablo Arroyo	Rio Grande	McNary, Tex.	29.89	29.51	Apr. 1960	--	4,489.7	11.3	--	--	--	SCS
	do	do	do	--	--	Apr. 1965	5	4,343.1	10.9	--	--	--	
	do	do	do	--	--	Apr. 1970	5	4,235.1	10.6	--	.86	1,130	

RIO GRANDE BASIN (ESPANOLA TO FORT QUITMAN)

57-1b	Elephant Butte	Rio Grande River	Elephant Butte, N. Mex.	25,923	25,866	Jan. 1915	--	2,634,800	--	--	--	--	BR
	do	do	do	--	--	Dec. 1916	1.9	2,584,865	--	--	1.02	--	
	do	do	do	--	--	Aug. 1920	3.7	2,498,850	--	--	.899	--	
	do	do	do	--	--	Aug. 1925	5	2,389,380	--	--	.846	--	
	do	do	do	--	--	Apr. 1935	9.7	2,270,300	--	*60	.475	621	
	do	do	do	--	--	Oct. 1940	5.5	2,219,000	--	--	.361	--	
	do	do	do	--	--	Apr. 1947	6.5	2,197,600	--	*65.9	.127	182	
	do	do	do	--	--	Feb. 1957	9.75	2,206,780 12/	2.2	60.	--	--	
	do	do	do	--	--	Apr. 1969	12.2	2,137,219	2.31	62	.22	357	
57-2	Caballo	do	Truth or Consequences, N. Mex.	13/30,700	14/1,237	Jan. 1938	--	345,872	--	--	--	--	BR
	do	do	do	--	--	Nov. 1957	19.9	343,990	--	--	.0761	--	
57-3a	Santa Cruz	Santa Cruz River	Espanola, N. Mex.	93.1	93.1	Feb. 1929	--	4,464	.19	--	--	--	SCS
	do	do	do	--	--	Aug. 1956	27.4	3,758	.16	80	.27	470	
57-4	Cornfield Wash (1)	Trib. Rio Puerco River	Cuba, N. Mex.	.29	.28	Apr. 1951	--	24	1.446	--	--	--	GS
	do	do	do	--	--	Oct. 1960 15/10		10.3	.62	--	4.89	--	

1/ Latest drainage area by USGS in 1964.
2/ Weighted average.
3/ Sediment pool only.
4/ Does not include 8,900 sq. mi. which is considered to be noncontributing to the total 26,606 sq. mi. drainage area.
5/ For the 3,558 sq. mi. area between Possum Kingdom and Whitney Dams, excluding 77.8 sq. mi. which is reservoir surface area at elevation 571.
6/ Original storage capacity 2,017,500 ac.-ft. Adjusted in 1963 for detailed range survey in 1951.
7/ Includes 1.38 sq. mi. drainage area of diversion pond above site.
8/ Spillway raised 2.3 ft. in Sept. 1948.
9/ Dam was raised 13 ft. in 1940; capacity at 1940 spillway elevation.
10/ Date storage began has not been verified.
11/ Includes Hucco Watershed but does not include Roberts Watershed.
12/ Total storage shows a gain of 9,180 ac.-ft. since 1947 survey, attributable primarily to compaction.
13/ Includes 2,940 sq. mi. in closed basin in San Luis Valley, Colo.
14/ Drainage area between gaging station below Elephant Butte Dam and gaging station below Caballo Dam less original water surface area of Caballo Reservoir at elevation 4,225.3.
15/ Runoff seasons.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG ANN INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			RIO GRANDE BASIN (ESPANOLA TO FORT QUITMAN) (Continued)										
57-5	Cornfield Wash (2)------	Trib. Rio Puerco River-	Cuba, N. Mex.-----	.87	.85	Apr. 1951	--	54.1	3.127	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/10	45.1	2.607	--	1.06	--	
57-6	Cornfield Wash (3)------	-----do----------	-----do----------	.25	.25	Apr. 1951	--	5.9	.711	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/10	2.6	.313	--	1.32	--	
57-7	Cornfield Wash (4)------	-----do----------	-----do----------	1.18	1.17	Apr. 1951	--	22.1	1.277	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/10	17.4	1.006	--	.4	--	
57-8	Cornfield Wash (5)------	-----do----------	-----do----------	1.04	1.04	Apr. 1951	--	9.2	.474	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/10	3	.155	--	.6	--	
57-9	Cornfield Wash (9)------	-----do----------	-----do----------	.09	.09	Apr. 1951	--	4.6	.948	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/10	3.1	.639	--	1.67	--	
57-10	Cornfield Wash (13)-----	-----do----------	-----do----------	.33	.33	Apr. 1951	--	7.4	.561	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/10	.3	.023	--	2.15	--	
57-11	Cornfield Wash (15)-----	-----do----------	-----do----------	1.04	1.03	Dec. 1953	--	17.9	6.63	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/7	17.8	6.593	--	.01	--	
57-12	San Luis (1)----------	-----do----------	-----do----------	1.06	1.05	Aug. 1952	--	16.3	.676	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/8	12	.498	--	.51	--	
57-13	San Luis (3)----------	-----do----------	-----do----------	.67	.66	Aug. 1952	--	22.6	.958	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/8	19.6	.831	--	.58	--	
57-14	Zia Reservoir----------	Trib. of Jemez River---	San Ysidro, N. Mex.	2.4	2.4	June 1954	--	59.9	2.155	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1/7	19	.683	--	2.43	--	
57-15b	Jemez Canyon Reservoir--	Jemez River----------	Bernalillo, N. Mex.	1,034	1,029	Oct. 1953	--	117,213	3.01	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1959	5.92	113,874	2.93	*75.7	.548	1,868	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1965	6.33	112,809	2.9	*75.7	.0163	270	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1975	9.08	106,100	2.73	*75.7	.718	1,180	
57-16	San Luis #2----------	Rio Puerco River-------	Cuba, N. Mex.-----	.74	.74	July 1952	--	*3	.12	--	--	--	BC
	-----do----------	-----do----------	-----do----------	--	--	July 1962	--	--	--	--	.62	--	
57-17	Caballo Arroyos Site 1--	Underwood Arroyo-------	Derry, N. Mex.-----	.87	.87	Nov. 1959	--	73.21	15.9	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1967	7.8	68.79	14.9	111	.64	1,547	
57-18a	Site #6 (Alamo Arroyo)--	Alamo Arroyo----------	Chimayo, N. Mex.--	3.15	3.12	Apr. 1962	--	232	13.81	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1968	6.7	160	9.52	*100	3.45	7,509	
	-----do----------	-----do----------	-----do----------	--	--	May 1975	6.3	81.66	4.86	81	3.99	5,521	
57-19	Site #3 (Ramones Arroyo)	Ramones Arroyo---------	-----do----------	1.17	1.16	Sept 1962	--	111	8.9	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1969	6.3	69	5.5	*110	6.03	14,446	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1969	.7	37.5	3	*110	27.16	102,597	
57-20	North Salem Site #2-----	North Salem Arroyo-----	Salem, N. Mex.-----	3.8	3.8	Apr. 1957	--	204.71	*10.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1967	10.25	190.82	*9.4	98.5	.35	751	
57-21	Rodey (Hatch Valley Arroyo #5)	Rodey Arroyo----------	Hatch, N. Mex.-----	2.1	2.1	July 1958	--	170.91	15.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1967	9.1	141.25	12.7	85	1.55	2,869	
57-22	Bernalillo Retarding Dam #1	Piedra Lisa----------	Bernalillo, N. Mex.	4.1	4.07	Aug. 1955	--	310.6	3.55	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1967	11.75	298.1	3.41	94.6	.26	537	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1976	9.25	293.99	3.36	90	.109	181	
57-23	Pecos Arroyo (Sanquiljuela) Site #1	Pecos Arroyo----------	Las Vegas, N. Mex.	19.34	19.04	June 1965	--	1,732.7	8.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1972	6.7	1,678.8	8.14	--	.42	--	
57-24	Santa Cruz R. Wshd. Site #2	Encino Arroyo----------	Chimayo, N. Mex.--	1.56	1.54	Sept 1962	--	156	9.38	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1971	1/8	46.1	2.77	--	8.94	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1974	3	32.46	1.95	--	2.96	--	
57-25	Santa Cruz R. Wshd. Site #4	Martinez Arroyo--------	-----do----------	2.45	2.39	July 1962	--	241	18.45	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1975	1/13	123.87	9.45	87	3.77	7,150	
57-26	Santa Cruz R. Wshd. Site #5	Morada Arroyo----------	-----do----------	1.31	1.30	July 1962	--	138	29.7	--	---	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	1/12	90.02	12.89	91	3.09	6,134	
			UPPER PECOS RIVER BASIN										
58-1	Bonito----------	Bonito Cr., Kraut Gulch	Capitan, N. Mex.--	40	39.9	June 1931	--	1,180	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1940	9	1,150	--	--	.083	--	
58-2a	Alamogordo----------	Pecos River----------	Ft. Sumner, N. Mex.	4,393	3,749	-- 1936	--	156,750	.946	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1940	3.25	146,071	.881	*73.5	.876	1,410	BR
	-----do----------	-----do----------	-----do----------	---	--	Oct. 1943	3.08	130,280	.786	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1944	.5	132,171	.797	*73.5	1.03	1,649	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1964	20.42	110,655	.668	*73.5	.281	450	
58-3a	Avalon (Lake Avalon)----	-----do----------	Carlsbad, N. Mex.-	16,030	1,080	Apr. 1907	--	7,600	--	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1941	34	6,633	--	--	2/.0263	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1956	15.25	5,647	--	76.7	.0599	--	

58-4a	McMillan (L. McMillan)--	-----do----------	-----do----------	14,950	14,950	Jan. 1894	--	91,000	.344	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	June 1904	10.42	73,000	.276	--	.116	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1910	6.42	61,500	.232	--	.12	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1915	4.5	45,500	.172	--	.238	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1925	10.08	42,000	.159	--	.023	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1932	7.5	40,500	.153	--	.013	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1940	7.08	38,655	.146	*70	.017	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1956	16.5	3/39,400	.149	4/62.4	.004	--	
58-5a	Upper-Hondo Site #1------	Rio Salado Creek-------	Capitan, N. Mex.--	122	121.61	May 1959	--	4,972.14	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1959	.42	4,946.54	--	*75	.65	1,060	
	-----do----------	-----do----------	-----do----------	--	--	May 1961	1.58	4,896.6	--	75	.34	555	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1962	.83	4,818	--	75	1.01	1,649	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1963	.92	4,796.41	--	75	.25	408	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1965	1.92	4,743.54	.97	75	.26	424	
	-----do----------	-----do----------	-----do----------	--	--	May 1972	7	4,322.3	.89	--	.5	--	
58-6	Bancroft #7----------	-----do----------	-----do----------	12	12	Feb. 1955	--	4.77	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	10.67	3.52	--	*75	.01	16	
58-7	Bancroft #9----------	-----do----------	-----do----------	.57	.57	Feb. 1955	--	7.2	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	10.67	1.59	--	*75	.92	1,500	
58-8	Bancroft #11----------	-----do----------	-----do----------	.69	.69	Feb. 1955	--	4.09	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	10.67	1.59	--	*75	.34	554	
58-9	Pearson #6----------	-----do----------	-----do----------	.19	.19	Mar. 1955	--	2.21	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1957	2.17	1.6	--	*75	1.46	2,380	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1959	1.91	1.52	--	*75	.24	391	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	6.5	.49	--	*75	.83	1,352	
58-10	Pearson #8----------	-----do----------	-----do----------	.24	.24	Mar. 1955	--	5.45	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1956	1.75	4.3	--	*75	2.75	4,555	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1958	1.08	3.62	--	*75	2.63	4,280	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1959	1	3.02	--	*75	2.49	4,130	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	6.75	.55	--	*75	1.53	2,519	
58-11	Pearson #9----------	-----do----------	-----do----------	1.56	1.56	Nov. 1954	--	23.78	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	10.92	16.05	--	*75	.45	734	
58-12	Pearson #10----------	-----do----------	-----do----------	.71	.71	Mar. 1955	--	20.19	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1957	2.17	18.04	--	*75	1.39	2,262	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1958	.67	17.99	--	*75	.14	228	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1958	.75	17.58	--	*75	.76	1,241	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	7	16.05	--	*75	.31	505	
58-13	Pearson #18----------	-----do----------	-----do----------	1.8	1.8	Mar. 1955	--	15.6	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	10.67	2.2	--	*75	.7	1,142	
58-14	Pearson #20----------	-----do----------	-----do----------	5/.16	5/.16	Mar. 1955	--	6.55	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	10.58	5.77	--	*75	.46	752	

COLORADO RIVER BASIN (BELOW HOOVER DAM)
Williams and Lower Gila River Basins

59-

GILA RIVER BASIN

60-1	Lake Pleasant----------	Agua Fria River--------	Phoenix, Ariz.----	1,450	1,444	Apr. 1928	--	184,500	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1941	12.9	176,456	--	--	.432	--	
60-2a	San Carlos (Coolidge D.)	Gila River----------	Globe, Ariz.------	12,900	*11,900	Nov. 1928	--	1,266,837	6.054	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1935	6.3	1,232,725	5.891	--	.455	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1937	1.9	1,230,695	5.882	--	.09	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1947	10	1,209,343	5.78	--	.179	--	
	-----do----------	-----do----------	-----do----------	--	--	-- 1966	19.6	1,170,118	5.592	--	.168	--	
60-3	Stock Tank #16 (Bryce D.)	Butler Wash----------	Eden, Ariz.--------	.69	.69	Mar. 1936	--	11.43	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1941	5.2	5.13	--	--	1.75	--	
60-4	Roosevelt-Salt R. Proj.-	Salt R. & Tonto Creek--	Globe, Ariz.------	5,760	5,760	May 1909	--	1,522,200	1.886	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1914	5.7	1,495,460	1.853	*70	.819	1,248	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1916	1.8	1,460,150	1.809	*70	3.35	5,107	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1925	8.9	1,425,813	1.767	*70	.67	1,021	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1935	9.3	1,418,013	1.757	*70	.145	221	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1939	4	1,398,430	1.733	*70	.85	1,296	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1946	7	1,381,580	1.712	*70	.418	637	
60-5	Allen----------	Trib. of Gila River----	Thatcher, Ariz.---	6/4.17	4.13	-- 1936	--	279	2.847	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	June 1958	22	253	2.582	--	.27	--	
60-6	"D" Mt. Tank No. 1------	Whitewater Draw--------	Douglas, Ariz.----	.21	.21	-- 1917	--	2.94	.516	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	41	2.54	.446	*75	.05	82	
60-7	"D" Mt. No. 2----------	-----do----------	-----do----------	10.92	10.92	-- 1938	--	2.55	.009	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	20	.7	.002	*75	.008	13	
60-8	"D" Mt. No. 3----------	-----do----------	-----do----------	2.48	2.48	Sept 1947	--	14.7	.218	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	7/7	0	0	*85	.85	1,573	
60-9	"D" Mt. No. 4----------	-----do----------	-----do----------	.36	.36	Mar. 1942	--	.43	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	7/12	0	--	*90	.1	196	
60-10	"D" Mt. No. 5----------	-----do----------	-----do----------	12.3	12.3	-- 1943	--	3	.009	--	--	--	[illegible]
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	8/5	2.7	.008	*75	.006	10	

1/ Runoff seasons.
2/ Compacted sediment for 1,080 sq. mi.; values for 16,030 sq. mi. are given in appendix summaries.
3/ Increase in capacity due mainly to compaction.
4/ Only surface samples (1.0-3.1 ft.) in approximately 1/3 of reservoir area below spillway crest.
5/ Drainage area is 100 ac. plus pipe flow from Pearson #11, which has a drainage area of 10 ac., plus pipe and emergency spillway flow from Pearson #18, which has a drainage area of 1.80 sq. mi.
6/ Drainage area includes 1.87 sq. mi. diverted from Hawk Hollow.
7/ Reservoir was full of sediment in 1954.
8/ Constructed 1943, cleaned 1953.
* Estimated or assumed.

SUMMARY OF
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
				GILA RIVER BASIN (Continued)									
60-11	"D" Mt. Pond No. 6------	Whitewater Draw--------	Douglass, Ariz.---	5.68	5.68	-- 1941	--	.8	.005	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1/6	.6	.004	*75	.006	10	
60-12	Dos Cabezas No. 4 SW----	Trib. Wilcox Dry Lake--	Dos Cabezas, Ariz.	.6	.6	-- 1949	--	6	.312	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1960	11	4.1	.214	*90	.29	559	
60-13a	Dos Cabezas No. 15------	-----do----------	-----do----------	.38	.38	-- 1940	--	4.7	.385	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	20	2.8	.23	*90	.26	510	
60-14	Halfmoon----------	Trib. of Gila River----	Florence, Ariz.---	.2	.2	-- 1941	--	6.8	1.889	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1960	19	3.9	1.083	*85	.75	1,388	
60-15	Homestead----------	-----do----------	-----do----------	.9	.9	-- 1954	--	6	.368	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1960	6	1.83	.112	*90	.78	1,530	
60-16	Lower Foote Wash--------	Foote Wash----------	Safford, Ariz.----	4.8	2/.63	-- 1936	--	14.8	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1958	22	13	--	--	.13	--	
60-17	Magma No. 1----------	Magma Wash----------	Florence, Ariz.---	1.78	1.78	-- 1948	--	5.7	.176	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1959	11	2.7	.084	*80	.15	261	
60-18	Magma No. 2----------	-----do----------	-----do----------	.38	.38	Feb. 1954	--	1.6	.232	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1959	5.4	1.3	.188	*85	.15	278	
60-19a	Magma No. 3----------	-----do----------	-----do----------	21.9	*7	-- 1949	--	6	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1959	10	3.8	--	*75	.03	49	
60-20	Riggs----------	Trib. Wilcox Dry Lake--	Dos Cabezas, Ariz.	.6	.6	-- 1946	--	1.9	.099	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	14	1.4	.073	*80	.06	105	
60-21	Upper Foote Wash--------	Foote Wash----------	Safford, Ariz.----	4.95	4.95	-- 1936	--	24.2	.209	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1958	22	19.5	.168	--	.04	--	
60-22	Whitlow Old Tank--------	Trib. of Gila River----	Florence, Ariz.---	.74	.74	-- 1950	--	3.4	.254	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1960	10	1.8	.134	*85	.23	426	
60-23a	Bartlett----------	Verde----------	Sunflower, Ariz.--	5,812	190	Feb. 1939	--	182,608	--	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1942	3.5	179,480	--	--	3/.154	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1950	8.33	4/179,548	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1964	13.17	178,488	--	--	.424	--	
60-24a	Horseshoe----------	-----do----------	-----do----------	5,618	5,614	Nov. 1945	--	67,900	.241	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1950	4.9	5/142,830	.507	--	.044	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1963	13.1	139,238	.494	--	.049	--	
60-25	Foote Wash Pond #3------	Trib. of Foote Wash----	Safford, Ariz.----	.6	.58	-- 1936*	--	19.1	*1.705	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1964	*28	17.1	*1.527	76.2	.12	199	
60-26	Foote Wash Pond #4------	Trib. of Gila River----	-----do----------	.33	.33	-- 1936*	--	6.462	*1.049	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1964	*28	5.325	*.864	72.6	.12	190	
60-27	Williams-Chandler Pd. #1	Trib. of Queen Creek---	Florence Junction, Ariz.	1.09	1.09	-- 1931	--	2.1	.197	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1961	30	1	.094	60	.033	43	
60-28a	Williams-Chandler Pd. #2	-----do----------	-----do----------	.65	.65	-- 1944	--	10.82	1.56	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1961	17	9.35	1.35	60	.13	174	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1974	12.5	8.87	1.28	--	.06	--	
60-29	Big Horn Mt. Tank #1----	Trib. Centennial Wash--	Tonopah, Ariz.----	.51	.51	June 1960	--	21.3	*7.83	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	4.3	21.06	*7.74	47.6	.11	114	
60-30	Big Horn Mt. Tank #2----	-----do----------	-----do----------	.44	.44	July 1960	--	11.46	*4.88	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	4.3	11.26	*4.79	*50	.11	120	
60-31	Centennial Wash Tank----	-----do----------	-----do----------	6/.6	6/.6	-- 1954*	--	1.27	.397	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1965	*11	.67	.209	91.97	.09	180	
60-32	New Tank----------	-----do----------	-----do----------	6/1.88	6/1.88	-- 1945	--	7.61	.759	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1965	20	4.08	.407	77.12	.094	158	
60-33	West Tank----------	-----do----------	Salome, Ariz.------	.29	.29	June 1960	--	10.09	*6.51	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	4.3	9.93	*6.41	52.5	.13	149	
60-34	Upper Twin Tank---------	Tiger Wash----------	Aguila, Ariz.------	1.83	1.83	Oct. 1944*	--	2.21	*.228	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	20	7/1.68	*.173	46	.015	15	
60-35	Harquahala Mt. Tank #1--	Trib. Brown's Canyon Wash	-----do----------	.11	.11	June 1958	--	6.64	*11.25	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	6.3	6.5	*11.02	*50	.18	196	
60-36	Judia Wash Retarding Dam	Judia Wash----------	Solomon, Ariz.----	4.6	4.57	Jan. 1957	--	158.79	*1.849	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1964	7	154.24	*1.796	76.9	.14	234	
	-----do----------	-----do----------	-----do----------	--	--	July 1964	.6	153.16	*1.784	*76.9	.39	653	

60-37a	Three Bar B Debris Basin	Trib. of Rock Creek	Roosevelt, Ariz.	.073	.073	Aug. 1959	--	8/.23	.05	--	--	--	FS
	do	do	do	--	--	Oct. 1960	1.17	--	--	*110	9/18.77	9/44,969	
	do	do	do	--	--	Oct. 1961	1	--	--	*110	9/4.66	9/11,159	
	do	do	do	--	--	Oct. 1962	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1964	2	--	--	*110	9/.55	9/1,313	
	do	do	do	--	--	Oct. 1965	1	--	--	*110	9/.14	9/328	
	do	do	do	--	--	Oct. 1966	1	--	--	*110	9/.27	9/656	
	do	do	do	--	--	Oct. 1967	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1968	1	--	--	*110	9/.14	9/328	
	do	do	do	--	--	Oct. 1969	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1970	1	--	--	*110	0	0	
60-38a	Three Bar C Debris Basin	do	do	.149	.149	Aug. 1959	--	8/.08	.002	--	--	--	FS
	do	do	do	--	--	Oct. 1960	1.17	--	--	*110	9/5.57	9/13,345	
	do	do	do	--	--	Oct. 1961	1	--	--	*110	9/.67	9/1,608	
	do	do	do	--	--	Oct. 1962	1	--	--	*110	9/.67	9/1,608	
	do	do	do	--	--	Oct. 1964	2	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1965	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1966	1	--	--	*110	9/.34	9/804	
	do	do	do	--	--	Oct. 1967	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1968	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1969	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1970	1	--	--	*110	0	0	
60-39a	Three Bar D Debris Basin	do	do	.126	.126	Aug. 1959	--	8/.21	.01	--	--	--	FS
	do	do	do	--	--	Oct. 1960	1.17	--	--	*110	9/12.7	9/30,427	
	do	do	do	--	--	Oct. 1961	1	--	--	*110	9/3.73	9/8,937	
	do	do	do	--	--	Oct. 1962	1	--	--	*110	9/.63	9/1,521	
	do	do	do	--	--	Oct. 1964	2	--	--	*110	9/.04	9/95	
	do	do	do	--	--	Oct. 1965	1	--	--	*110	9/.08	9/190	
	do	do	do	--	--	Oct. 1966	1	--	--	*110	9/.08	9/190	
	do	do	do	--	--	Oct. 1967	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1968	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1969	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1970	1	--	--	*110	0	0	
60-40a	Three Bar F Debris Basin	do	do	.107	.107	Mar. 1963	--	8/.04	.004	--	--	--	FS
	do	do	do	--	--	Oct. 1963	.51	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1964	1	--	--	*110	9/.37	9/886	
	do	do	do	--	--	Oct. 1965	1	--	--	*110	9/.09	9/224	
	do	do	do	--	--	Oct. 1966	1	--	--	*110	9/.19	9/448	
	do	do	do	--	--	Oct. 1967	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1968	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1969	1	--	--	*110	0	0	
	do	do	do	--	--	Oct. 1970	1	--	--	*110	10/.08	10/2,016	
60-41a	Bennett 14	Walnut Gulch	Tombstone, Ariz.	.6	.6	June 1961	--	18	.75	--	--	--	SCS
	do	do	do	--	--	June 1967	6	17	.71	75	.33	539	
	do	do	do	--	--	July 1973	6	16	.67	75	.20	327	
60-42a	Cowan 7	do	do	.4	.4	June 1963	--	14	1.9	--	--	--	SCS
	do	do	do	--	--	June 1967	4	13.8	1.8	75	.12	196	
	do	do	do	--	--	Jan. 1973	6	13.1	1.7	75	.25	408	
60-43	Horsethief Basin	Horsethief Canyon	Crown King, Ariz.	.85	.85	-- 1934	--	42.4	.44	--	--	--	FS
	do	do	do	--	--	Nov. 1969	36	35.6	.37	--	.22	--	
60-44	Lynx Lake	Lynx Creek	Prescott, Ariz.	18.14	*10	Nov. 1962	--	1,472	1.07	--	--	--	FS
	do	do	do	--	--	Nov. 1968	6	1,460	1.06	--	.197	--	
60-45	Granite Basin	Mint Wash	do	4.69	*4.69	-- 1939	--	89	*.32	--	--	--	FS
	do	do	do	--	--	Aug. 1967	28	58	*.21	--	.236	--	
60-46	Keller Tank	Trib. Verde River	Scottsdale, Ariz.	.06	.06	Apr. 1941	--	--	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1970	29.2	1.529	*1.91	--	.09	--	
60-47	Galleta Tank	Trib. Cent. Wash	Tonopah, Ariz.	.66	.645	June 1939	--	--	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1967	27.9	21	6.63	74.8	.21	342	
60-48	Wellick Tank	Trib. Flying "E" Wash	Wickenburg, Ariz.	.79	.77	May 1956	--	79.1	20.87	--	--	--	SCS
	do	do	do	--	--	Sept 1970	14.3	77.3	20.39	94.1	.16	328	
60-49	Pouquette Tank	Trib. Cemetery Wash	do	.13	.129	May 1965	--	.99	1.59	--	--	--	SCS
	do	do	do	--	--	Dec. 1970	5.6	.91	1.46	88.2	.1	192	
60-50	Frye Creek (No. 3)	Frye Creek	Thatcher, Ariz.	26	21.4	Apr. 1963	--	2,194	3.8	--	--	--	SCS
	do	do	do	--	--	May 1968	5	2,109.5	3.7	78.7	.79	1,354	
	do	do	do	--	--	May 1974	6	2,107.7	3.7	89.2	.014	178	
			LITTLE COLORADO AND SAN JUAN RIVER BASINS										
61-1	Oak Creek Reservoir	Trib. of Zuni River	Zuni, N. Mex.	9.41	9.41	Oct. 1954	--	334.8	1.425	--	--	--	GS
	do	do	do	--	--	May 1960	11/6	148	.63	--	3.32	--	
61-2b	Millet Swale Reservoir	Trib. of Silver Creek	Taylor, Ariz.	40	39.7	June 1959	--	1,342	2.1	--	--	--	SCS
	do	do	do	--	--	June 1962	3	1,259.4	1.97	67	.69	1,012	
	do	do	do	--	--	June 1966	4	1,118.5	1.75	80	.89	1,693	
	do	do	do	--	--	July 1972	6	969.2	1.51	83.6	.63	1,215	
61-3	Stockyard Tank	Trib. Cottonwood Wash	Snowflake, Ariz.	.48	.476	-- 1943	--	6.04	*.79	--	--	--	SCS
	do	do	do	--	--	May 1968	25	4.02	*.52	101.6	.17	376	
61-4	Thomas Tank I	do	do	.55	.549	-- 1947	--	3.09	*.35	--	--	--	SCS
	do	do	do	--	--	June 1968	21	1.38	*.16	77.9	.15	250	

1/ Constructed 1941, cleaned 1952.
2/ This reservoir is downstream from Upper Foote Wash Reservoir. Little or no sediment is contributed from the 4.17 sq. mi. above this dam.
3/ Based on total drainage area of 5,812 sq. mi. before construction of Horseshoe Dam upstream.
4/ Increase in capacity probably due to compaction.
5/ Capacity increased 76,130 ac.-ft. by installation of spillway gates in June 1950.
6/ Drainage area is smallest area that could be positively delineated.
7/ Storage capacity at original spillway crest elevation - storage capacity at eroded spillway elevation 0.53 ac.-ft.
8/ Basin cleaned as needed to maintain capacity.
9/ Includes sediment trapped above spillway level.
10/ Basin filled during storm of 9-5-70 and undetermined amount of sediment escaped from pond.
11/ Runoff seasons.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			LITTLE COLORADO AND SAN JUAN RIVER BASINS (Continued)										
61-5	Ellsworth Tank----------	Trib. Show Low Creek---	Taylor, Ariz.--------	.25	.249	-- 1948	--	1.5	*.23	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	20	1.27	*.19	80	.044	79	
61-6	New Tank----------	Trib. Cottonwood Wash--	Snowflake, Ariz.--	2.45	2.45	--- 1938	--	10.13	*.15	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1968	30	9.1	*.14	87.7	.014	27	
61-7	West Hall Tank----------	-----do----------	Clay Springs, Ariz.	.32	.32	-- 1944	--	.76	*.09	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1968	24	.61	*.07	93.4	.02	41	
61-8	Thomas Tank II----------	Trib. Perkins Spr. Draw	-----do----------	.1	.1	June 1964	--	1.39	*.52	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1968	4	1.35	*.5	89.3	.1	194	
			COLORADO RIVER BASIN (HALLS CROSSING TO HOOVER DAM)										
62-1a	Lake Mead (Hoover Dam)--	Colorado River---------	Boulder City, Nev.	167,800 1/	167,600	Feb. 1935	--	32,471,000	2.8	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	13.7	31,047,000	2.67	2/65	.621	879	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	16	29,755,000	2.56	60	.482	572	
62-2	Brooksby Tank----------	Trib. of Johnson Wash--	Fredonia, Ariz.---	.4	.4	-- 1951	--	.697	.327	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	3/14	.14	.066	97	3/.10	211	
62-3	Riggs Flat Charco-------	Sandy Canyon Wash------	-----do----------	57.86	57.83	Oct. 1956	--	54.93	.178	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	8.9	36.58	.119	72	.035	55	
62-4	Leroy Judd Tank---------	Trib. of Kanab Creek---	-----do----------	.38	.38	-- 1962	--	.95	.468	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1965	3	.22	.108	105.7	.63	1,450	
62-5	Kaibab Indian Reservation Erosion Control Structure.	-----do----------	Indian Moccasin, Ariz.	1.27	1.27	-- 1935	--	6.008	.887	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	30	2.247	.332	87.2	.098	186	
62-6	Jesse Judd Tank---------	-----do----------	Fredonia, Ariz.---	4/3.49	4/3.49	-- 1955	--	7.1	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1965	5/10	2.77	--	*80	5/.12	209	
62-7	Frog Hollow Detention Res.	Frog Hollow Wash-------	Hurricane, Utah---	9.2	9.2	Jan. 1957	--	223	*1.517	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1958	*1	216.4	*1.472	*80	.72	1,255	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1965	7.8	140.8	*.958	*80	1.05	1,830	
62-8	CCC Pond (West)---------	Trib. Santa Clara River	St. George, Utah--	.03	.03	-- 1941	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1966	25	*.2	*.63	92	6/.23	461	
62-9	CCC Pond (East)---------	-----do----------	-----do----------	.32	.32	-- 1941	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1966	25	*.2	*.06	90	6/.017	33	
62-10	Rondo Ruesch Debris Basin #2	Trib. Virgin River-----	-----do----------	.026	.026	-- 1944	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1966	22	*1.5	*5.3	*90	6/3.35	6,566	
62-11	Rondo Ruesch Debris Basin #1	-----do----------	-----do----------	.09	.09	-- 1944	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1966	22	*1	*1	*90	6/.61	1,196	
62-12	Iliff Andrus----------	Trib. Warner Draw------	-----do----------	1.09	1.08	-- 1949	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1966	17	*20	*2.2	78	6/.76	1,290	
62-13	Winfred Spendlove-------	Trib. Fort Pearce Wash-	-----do----------	.85	.84	-- 1946	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1966	20	*7	*1.1	87.5	6/.42	800	
62-14	Black Knolls----------	Trib. City Creek-------	-----do----------	.59	.58	-- 1922	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1965	43	*20	*3.2	*75	.34	555	
62-15	Little Grassy Pond------	Unknown----------	-----do----------	2.3	2.3	-- 1943	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1966	23	*2	--	94	6/.043	88	
62-16	Bill Snow Pond----------	Trib. Santa Clara River	-----do----------	.057	.057	-- 1956	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1966	10	*2	*3.3	72	6/1.79	2,820	
62-17	Manganese Wash----------	Manganese Wash---------	-----do----------	.17	.17	-- 1956	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1966	10	*1	*.2	80	6/.38	662	
62-18	Hollinger Debris Basin--	Meadow Valley Wash-----	Pioche, Nev.-------	200	200	-- 1962	--	7/437.1	*.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1962	10	383.7	*.18	*80	.03	52	
			COLORADO RIVER BASIN (ABOVE HALLS CROSSING) Gunnison, Dolores and Fremont River Basins										
63-1	Badger Detention (14)---	Badger Wash----------	Mack, Colo.--------	1.53	1.49	May 1957	--	201.52	3.336	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1.6	199.35	3.3	--	.91	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1959	1	196.27	3.25	--	2.07	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1961	2	190.38	3.152	--	1.97	--	
63-2	Badger Wash West Twin (2A)	-----do----------	-----do----------	.167	.165	Dec. 1953	--	6.3	.957	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	July 1955	1.6	4.47	.679	--	6.91	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1956	1.4	4.47	.679	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1957	1	3.98	.605	--	2.97	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1	3.98	.605	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1959	1	3.65	.555	--	2	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1961	2	2.43	.369	--	3.7	--	

63-3	Badger Wash Lower Oil Well (3A)	-----do-----	-----do-----	.059	.055	Dec. 1953	--	12.9	4.813	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	12.65	4.72	--	2.91	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.4	12.65	4.72	--	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	12.55	4.683	--	1.82	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1	12.55	4.683	--	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	12.33	4.601	--	4	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	12.12	4.522	--	1.32	--	
63-4	East Basin (11)	-----do-----	-----do-----	.089	.087	Apr. 1954	--	5.45	1.135	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	2.6	4.92	1.025	--	2.3	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	4.76	.992	--	1.84	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	2	4.65	.969	--	.69	--	
63-5	Middle Basin (12)	-----do-----	-----do-----	.092	.088	Apr. 1954	--	16.93	2.996	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	2.6	15.87	2.809	--	4.66	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	15.38	2.722	--	5.57	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	2	15.32	2.712	--	.34	--	
63-6b	Prairie Dog (4A)	Trib. Badger Wash	-----do-----	.022	.022	Dec. 1953	--	3.05	4.36	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	2.64	3.77	*90	11.8	23,130	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.3	2.64	3.77	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	2.49	3.56	*90	6.82	13,365	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1.1	2.49	3.56	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	2.43	3.47	*90	2.73	5,346	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	2.28	3.26	*90	3.18	6,682	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1963	2	2.17	3.1	*90	2.27	4,900	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	1	2.03	2.9	*90	6.36	12,474	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	1	1.82	2.6	*90	9.55	18,711	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1966	1	1.91	2.73	*90	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	1.8	2.57	*90	5.5	9,801	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	1.66	2.37	*90	6.36	10,494	
	-----do-----	-----do-----	-----do-----	--	--	June 1970	1.6	8/2.52	3.6	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	.4	2.5	3.57	*90	2.27	4,455	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1971	1	2.44	3.48	*90	2.73	5,351	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	2.41	3.44	*90	1.36	2,666	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	2.42	3.46	*90	0	0	
63-7	Southeast (13)	Badger Wash	-----do-----	.484	.477	Apr. 1954	--	27.25	1.854	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	2.6	24.85	1.69	--	1.93	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	23.44	1.595	--	2.96	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	2	22.26	1.514	--	1.24	--	
63-8b	Upper Hanks (1A)	Trib. Badger Wash	-----do-----	.066	.066	Dec. 1953	--	8.3	3.81	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	7.59	3.48	*90	6.68	13,094	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.3	7.59	2.56	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1957	1	7.34	3.37	*90	3.78	7,425	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1.1	7.34	3.37	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	7.04	3.23	*90	4.55	9,061	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	6.7	3.07	*90	2.73	5,198	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1963	2	6.59	3.02	*90	.83	1,634	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	1	6.55	3	*90	.6	1,188	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	1	6.1	2.84	*90	6.82	13,365	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1966	1	6.16	2.82	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	6	2.75	*90	2.41	4,752	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	5.48	2.51	*90	7.84	15,444	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1969	1	5.54	2.54	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	5.54	2.54	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1971	1	5.28	2.42	*90	3.94	7,722	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	5.33	2.44	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	5.22	2.39	*90	1.66	3,254	
63-9a	West Twin (2-A)	-----do-----	-----do-----	.148	.148	Dec. 1953	--	6.3	1.31	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	4.38	.91	*90	8.1	15,878	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.3	4.38	.91	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	3.9	.81	*90	3.24	6,357	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1.1	3.9	.81	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	10/15.08	3.13	*90	1.49	2,914	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	13.86	2.88	*90	4.12	8,079	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1963	2	13.52	2.8	*90	1.15	2,252	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	1	12.39	2.57	*90	7.64	14,966	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	1	12.06	2.5	*90	2.23	4,371	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1966	1	12.1	2.51	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	11.53	2.39	*90	3.85	7,549	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	10.56	2.09	*90	6.55	12,847	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1969	1	10.64	2.1	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	10.64	2.21	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1971	1	10.74	2.23	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	10.59	2.2	*90	1.01	1,980	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	10.69	2.22	*90	9/--	--	

1/ Not adjusted for numerous small reservoirs.
2/ Based on measured and estimated sediment inflow of 2,000,000,000 tons in 13.7 yr. period.
3/ Estimated effective life of pond is 5 yr. 1951 - 1956.
4/ Reservoir is off main channel. Estimate reservoir intercepts 1/3 of flow and sediment from total drainage area.
5/ Effective life of reservoir is estimated at 8 yr. Storm in 1963 filled reservoir and changed channel course.
6/ Includes deposition above spillway crest level.
7/ Sediment pool only.
8/ Reservoir cleaned in June 1970.
9/ Capacity increase.
10/ Dam and spillway raised in 1959.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU FT.)	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN ACR-FT	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			COLORADO RIVER BASIN (ABOVE HALLS CROSSING) Gunnison, Dolores, and Fremont River Basins (Continued)										
63-10a	Oil Well (3-A)----------	Trib. of Badger Wash---	Mack, Colo.-------	.059	.059	Dec. 1953	--	12.92	5.71	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	July 1955	1.6	12.18	5.39	*90	7.8	15,289	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1956	1.3	12.18	5.39	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1957	1	11.9	5.26	*90	4.75	9,302	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1.1	11.9	5.26	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1959	1	11.64	5.15	*90	4.4	8,638	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1961	2	11.31	5	*90	2.71	5,482	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1963	2	11.25	4.98	*90	.51	997	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1964	1	11.21	4.96	*90	.68	1,329	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1965	1	10.73	4.75	*90	8.14	15,947	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1966	1	10.82	4.79	*90	1/--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1967	1	10.62	4.7	*90	3.39	6,645	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1968	1	10.15	4.49	*90	7.96	15,615	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1969	1	10.13	4.48	*90	.34	664	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	9.99	4.42	*90	2.38	4,651	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1971	1	9.95	4.4	*90	.68	1,329	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1972	1	9.91	4.38	*90	.68	1,329	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1973	1	9.84	4.35	*90	1.19	2,333	
63-11a	Windy Point (4-B)-------	-----do----------	-----do----------	.019	.019	Dec. 1953	--	4.52	9.62	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	July 1955	1.6	4.31	9.17	*90	6.85	13,427	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1956	1.3	4.31	9.17	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1957	1	4.19	8.91	*90	6.32	12,380	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1.1	4.19	8.91	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1959	1	4.16	8.85	*90	1.58	3,095	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1961	2	4.14	8.8	*90	.53	1,032	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1963	2	4.12	8.76	*90	.53	1,032	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1964	1	4.03	8.57	*90	4.74	9,285	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1965	1	3.89	8.28	*90	7.37	14,443	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1966	1	3.89	8.28	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1967	1	3.81	8.11	*90	4.21	8,253	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1968	1	3.74	7.96	*90	3.68	7,222	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1969	1	3.83	8.15	*90	1/--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	3.83	8.15	*90	0	0	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1971	1	3.83	8.15	*90	0	0	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1972	1	3.82	8.13	*90	.53	1,039	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1973	1	3.81	8.11	*90	.53	1,039	
63-12a	Yucca (2-B)----------	-----do----------	-----do----------	.158	.158	Dec. 1953	--	8.45	2.14	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	July 1955	1.6	6.05	1.53	*90	9.5	18,622	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1956	1.3	6.05	1.53	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1957	1	5.94	1.5	*90	.7	1,365	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1.1	5.94	1.5	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1959	1	2/24.8	6.28	*90	2.15	2,840	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1961	2	24.18	6.12	*90	1.96	3,846	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1963	2	23.89	6.05	*90	.95	1,110	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1964	1	23.45	5.94	*90	2.78	5,459	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1965	1	23.15	5.86	*90	1.9	3,722	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1966	1	23.23	5.88	*90	1/--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1967	1	22.86	5.79	*90	2.34	4,590	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1968	1	21.88	5.54	*90	6.2	12,158	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1969	1	22.12	5.6	*90	1/--	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	22.12	5.6	*90	0	0	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1971	1	22.16	5.61	*90	1/--	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1972	1	22.13	5.6	*90	.19	372	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1973	1	22.01	5.57	*90	.76	1,490	
63-13a	North Basin (3-B)-------	-----do----------	-----do----------	.048	.048	Dec. 1953	--	8.1	4.6	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	July 1955	1.6	7.69	4.37	*90	5.42	10,624	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1956	1.3	7.69	4.37	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1957	1	7.58	4.31	*90	2.29	4,492	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1.1	7.58	4.31	*90	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1959	1	7.51	4.27	*90	1.46	2,859	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1961	2	7.38	4.19	*90	1.46	2,654	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1963	2	7.1	4.03	*90	2.92	5,717	

	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	1	7.05	4	*90	1.04	2,042	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	1	6.81	3.87	*90	5	9,801	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1966	1	6.81	3.87	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	6.54	3.72	*90	5.63	11,026	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	6.07	3.45	*90	9.8	19,194	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1969	1	6.18	3.51	*90	1/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	6.13	3.48	*90	1.04	2,042	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1971	1	6.03	3.43	*90	2.08	4,077	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	5.99	3.4	*90	.83	1,627	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	5.94	3.38	*90	1.04	2,039	
63-14a	Lower Hanks (1-B)-------	-----do-----	-----do-----	.084	.084	Dec. 1953	--	19.8	8.69	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	19.17	8.41	*90	4.65	9,095	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.3	19.17	8.41	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	19.17	8.41	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1.1	19.17	8.41	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	19.17	8.41	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	18.85	8.27	*90	1.9	3,734	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1963	2	18.74	8.22	*90	.59	1,283	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	1	18.72	8.21	*90	.24	467	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	1	18.38	8.06	*90	4.05	7,934	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1966	1	18.42	8.08	*90	1/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	18.25	8	*90	2.02	3,967	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	17.63	7.73	*90	7.38	14,468	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1969	1	17.6	7.72	*90	.36	700	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	17.6	7.72	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1971	1	17.59	7.71	*90	.12	235	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	17.62	7.73	*90	1/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	17.59	7.71	*90	.36	706	
63-15a	Boco Mountain No. 1-----	Trib. Alkali Creek-----	Wolcott, Colo.----	.0116	.011	July 1965	--	1.877	--	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	.3	1.851	2.64	*90	7.91	15,500	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1966	1	1.86	2.66	*90	1/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1967	1	1.852	2.65	*90	.73	1,420	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	1.842	2.63	*90	.91	1,780	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1969	1	1.841	2.63	*90	.09	178	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1970	1	1.837	2.62	*90	.36	710	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1971	1	1.831	2.62	*90	.52	1,019	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	1.826	2.61	*90	.43	843	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	1.831	2.62	*90	1/--	--	
63-16a	Boco Mountain No. 3-----	-----do-----	-----do-----	.008	.008	July 1965	--	1.686	3.24	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	.28	1.644	3.16	*90	18.8	36,850	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1966	1	1.651	3.18	*90	1/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1967	1	1.634	3.14	*90	2.13	4,165	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	1.637	3.15	*90	1/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1969	1	1.619	3.11	*90	2.25	4,410	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1970	1	1.613	3.1	*90	.75	1,470	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1971	1	1.594	3.07	*90	2.38	4,665	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	1.594	3.07	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	1.601	3.08	*90	1/--	--	
63-17	Fool Creek Debris Basin-	Fool Creek----------	Fraser, Colo.-----	1.11	1.11	Oct. 1951	--	--	--	--	--	--	FS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1952	1	--	--	--	.032	65	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1953	1	--	--	--	.016	33	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1954	1	--	--	--	--	0	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1955	1	--	--	--	--	0	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1956	1	--	--	--	.026	53	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	--	--	--	.051	102	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1958	1	--	--	--	.031	62	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1959	1	--	--	--	.006	12	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1	--	--	--	.01	20	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1961	1	--	--	--	.004	9	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1962	1	--	--	--	.012	24	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1963	1	--	--	--	--	0	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1964	1	--	--	--	--	0	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1965	1	--	--	--	.018	36	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1966	1	--	--	--	.004	8	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	--	--	--	.005	10	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	1	--	--	--	.008	18	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1969	1	--	--	--	.01	22	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	--	--	--	.011	25	
63-18	Deadhorse Weir----------	Deadhorse Creek--------	-----do-----	1.04	1.04	Oct. 1954	--	--	--	--	--	--	FS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1955	1	--	--	--	.003	6	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1956	1	--	--	--	.012	27	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	--	--	--	.016	36	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1958	1	--	--	--	.006	3	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1959	1	--	--	--	.004	8	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1	--	--	--	.004	8	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1961	1	--	--	--	.001	2	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1962	1	--	--	--	.009	20	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1963	1	--	--	--	.001	1	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1964	1	--	--	--	.001	2	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1965	1	--	--	--	.005	11	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1966	1	--	--	--	.001	1	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	--	--	--	.0004	1	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	1	--	--	--	.001	2	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1969	1	--	--	--	.002	3	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	--	--	--	.005	11	

1/ Capacity increase.
2/ Dam and spillway raised in 1959.

* Estimated or assumed.

SUMMARY OF
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			COLORADO RIVER BASIN (ABOVE HALLS CROSSING) Gunnison, Dolores and Fremont River Basins (Continued)										
63-19	Lexen Creek Weir--------	Lexen Creek----------	Fraser, Colo.-------	.48	.48	Oct. 1955	--	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1956	1	--	--	--	.005	10	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1957	1	--	--	--	.009	18	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1958	1	--	--	--	.011	21	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1959	1	--	--	--	.002	4	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1960	1	--	--	--	.002	4	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1961	1	--	--	--	.0003	1	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1962	1	--	--	--	.005	9	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1963	1	--	--	--	.0002	0	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1964	1	--	--	--	.002	3	
	-----do----------	-----do----------	-----do----------	---	--	Oct. 1965	1	--	--	--	.003	6	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1966	1	--	--	--	.002	2	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1967	1	--	--	--	.001	2	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	1	--	--	--	.001	2	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1969	1	--	--	--	.001	2	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	--	--	--	.002	4	
63-20	East St. Louis Cr. Weir-	East St. Louis Creek---	-----do----------	3.1	3.1	Oct. 1964	1	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	1	--	--	*100	.002	5	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1966	1	--	--	*100	.001	1	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1967	1	--	--	*100	.002	3	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	1	--	--	*100	.002	4	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1969	1	--	--	*100	.001	3	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	--	--	*100	.002	4	
63-21	RW-1 Roatcap Wash Wshd.-	Roatcap Wash----------	Olathe, Colo.-------	11.6	11.5	Dec. 1964	--	829.6	*7	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1970	6	810	*6.9	--	.28	--	
63-22	Cheyenne Retention Res.-	Indian Wash----------	Grand Junction,Colo.	.22	.22	-- 1965	--	15.5	2.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1975	10	14.3	2	--	.55	--	
63-23	Cherokee Retention Res.-	-----do----------	-----do----------	.31	.31	-- 1965	--	20	2.4	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1975	10	19.1	2.3	--	.29	--	
63-24	Chippewa Retention Res.-	-----do----------	-----do----------	.24	.24	-- 1965	--	6.8	.9	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1975	10	5.45	.7	--	.57	--	
63-25	Choctaw Retention Res.--	-----do----------	-----do----------	1.12	1.11	-- 1965	--	32.5	.78	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1975	10	21	.5	--	1.03	--	
63-26	Creek Retention Res.----	-----do----------	-----do----------	.4	.4	-- 1965	--	14.1	1.1	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1975	10	11.7	.9	90	.61	1,190	
63-27	Paonia Reservoir--------	Muddy Creek----------	Somerset, Colo.----	246	236	Dec. 1961	--	20,950	.21	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1969	7	20,214	.2	--	.427	--	
			GREEN RIVER BASIN										
64-1	Duck Fork----------	Ferron Creek----------	Ferron, Utah-------	3.56	3.56	-- 1942	--	718	*.236	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1962	20	1/870	*.286	*60	.14	183	
64-2	South Soda Creek Weir---	South Soda Creek-------	Steamboat Springs, Colo.	3.4	3.4	Oct. 1967	--	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	1	--	--	*135	.005	13	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1969	1	--	--	*135	.0003	1	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	--	--	*135	.005	15	
64-3	North Fish Creek Weir---	North Fish Creek-------	-----do----------	2.24	--	Oct. 1968	--	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1969	1	--	--	*135	.001	2	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	--	--	*135	.004	12	
64-4	West Walton Creek Weir--	Trib. Walton Creek-----	-----do----------	1.33	1.33	Oct. 1967	--	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	1	--	--	*110	.016	38	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1969	1	--	--	*110	.006	15	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1970	1	--	--	*110	.02	48	
64-5	Bullwinkle----------	Trib. Brush Creek------	Vernal, Utah-------	.11	.11	-- 1938	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	30	*5	--	*70	2/.79	1,204	
64-6	Rock Canyon----------	Rock Canyon----------	-----do----------	1.41	1.41	-- 1936	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	22	*5	--	*60	.011	14	
64-7	Niles Haslem Pond-------	Trib. Steinaker Draw---	-----do----------	.095	.095	-- 1952	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	15	*2	--	*70	2/.67	1,021	
64-8	Maeser Reservoir--------	Trib. Twelve Mile Wash-	-----do----------	.65	.65	-- 1942	--	--	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1968	26	*8	--	*90	2/.23	450	

GREAT SALT LAKE BASIN

65-1	East Canyon	East Canyon Creek	Morgan, Utah	144	144	--	1896	--	3/3,850	.098	--	--	--	BR
	do	do	do	--	--	Oct.	1954	58	28,730	.733	4/77.1	.124	208	
65-2	Echo	Weber River	Echo, Utah	732	732	Oct.	1930	--	75,718	.373	--	--	--	BR
	do	do	do	--	--	Oct.	1954	24	73,900	.364	4/71	.104	161	
65-3a	Santaquin Debris Basin	Summit Creek	Santaquin, Utah	17.65	13.5	Fall	1954	--	*84	.008	--	--	--	SCS
	do	do	do	--	--	Dec.	1957	3	*65	.006	*90	.47	921	

SEVIER RIVER BASIN

66-1	Booby Hole	Booby Hole Creek	Koosharem, Utah	5	4.9	--	1895	--	607	--	--	--	--	SCS
	do	do	do	--	--	Oct.	1940	75	598	--	--	.024	--	
66-2	Indian Creek No. 1	Indian Creek	Beaver, Utah	12	11.95	--	1898	--	318	--	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	42	299	--	--	.038	--	
66-3	Rocky Ford	Beaver River	do	510	508	Feb.	1915	--	23,260	--	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	25.8	21,509	--	--	.134	--	
66-4	Rocky Ford	Sevier River	Sigurd, Utah	900	900	--	1890	--	2,115	--	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	50	790	--	--	.029	--	
66-5	Skutumpah	Skutumpah Creek	Salina, Utah	10	9.92	--	1893	--	667	--	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	47	430	--	--	.508	--	
66-6	Enterprise	Pine Creek	Enterprise, Utah	25	23.4	--	1909	--	9,000	--	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	31	8,550	--	--	.62	--	
66-7	Yankee Meadows	Pole Creek	Parowan, Utah	7	6.9	Dec.	1926	--	2,500	--	--	--	--	SCS
	do	do	do	--	--	Nov.	1940	14	2,200	--	--	3.1	--	
66-8	Piute	Sevier River	Marysville, Utah	2,440	2,436	5/--	1910	--	81,200	--	--	--	--	SCS
	do	do	do	--	--	--	1938	28	74,010	--	--	.106	--	
66-9	Sevier Bridge	do	Nephi, Utah	5,120	1,089	--	1908	--	250,000	--	--	--	--	SCS
	do	do	do	--	--	--	1932	24	234,462	--	--	.594	--	
66-10	Chalk Cr. Debris Basin	Chalk Creek	Fillmore, Utah	60.8	*60	July	1936	.5	44.12	.002	*70	6/.73	1,113	
	do	do	do	--	--	--	1946	10	0	0	*75	7/.14	229	
	do	do	do	--	--	Mar.	1955	8.5	0	0	75	--	--	
66-11a	Fiddlers Canyon Debris Basin	Fiddlers Canyon	Cedar City, Utah	12.6	12.6	--	1947	--	--	--	--	--	--	SCS
	do	do	do	--	--	Nov.	1956	9	*15	*.089	*70	8/.145	221	
66-12b	Mill Canyon Retarding Structure	Mill Canyon	Glenwood, Utah	18.92	13.72	Dec.	1959	--	223.99	2.22	--	--	--	SCS
	do	do	do	--	--	Dec.	1960	1.5	202.29	2.2	84.9	1.05	1,960	
	do	do	do	--	--	May	1963	2.42	202.03	2	84.9	.01	18	
	do	do	do	--	--	May	1968	5	199.64	1.98	84.9	.03	74	
	do	do	do	--	--	Sept	1974	6.33	191.11	1.89	84.9	10	185	
66-13	Sand "H" Canyon Debris Basin	Sand Canyon	Monroe, Utah	3	2.98	June	1971	--	136	8.5	--	--	--	SCS
	do	do	do	--	--	Oct.	1971	.33	117.1	7.3	*80	19.24	33,522	

GREAT BASIN (NORTHWESTERN PART IN CALIFORNIA, NEVADA AND OREGON)

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GREAT BASIN
Humboldt, Carson, and Truckee River Basins

68-1	Willow Creek	Willow Creek	Elko, Nev.	112	111	--	1924	--	15,300	--	--	--	--	SCS
	do	do	do	--	--	Sept	1939	15	15,050	--	--	.15	--	
68-2	Elko Summit Res. No. 1	(ephemeral)	do	1.25	1.25	Mar.	1941	--	7.44	.223	--	--	--	SCS
	do	do	do	--	--	Aug.	1963	22.4	6.38	.192	66	.04	58	
68-3	Elko Summit Res. No. 2	do	do	.63	.63	Aug.	1945	--	5.45	.324	--	--	--	SCS
	do	do	do	--	--	Aug.	1963	18	4.96	.295	66.9	.05	73	
68-4	Dorsey Creek Reservoir	Dorsey Creek	do	9.16	9.14	Oct.	1952	--	131	.358	--	--	--	SCS
	do	do	do	--	--	Sept	1963	10.9	128	.35	56.9	8/.12	8/149	

GREAT BASIN
Owens, Walker, and Mono Lake Drainages

69-1	Weber	Walker River	Shurz, Nev.	2,800	2,440	Sept	1935	--	13,200	--	--	--	--	SCS
	do	do	do	--	--	Sept	1939	4	12,980	--	--	.02	--	

SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE

70-1b	Fullerton Flood-Control Basin	Fullerton Creek	Brea, Calif.	9/5.05	9/4.95	Oct.	1941	--	753.5	3.39	--	--	--	CE
	do	do	do	--	--	Nov.	1944	3.1	743	3.35	--	1.11	--	
	do	do	do	--	--	Mar.	1962	17.3	706.3	3.18	--	.42	--	
	do	do	do	--	--	June	1970	8.25	10/763.8	3.44	--	--	--	
70-2	Lake Hodges	San Dieguito River	Escondido, Calif.	303	301	Jan.	1919	--	36,601	--	--	--	--	SCS
	do	do	do	--	--	July	1935	16.5	34,779	--	*65	.365	517	
	do	do	do	--	*--	July	1948	13	33,482	--	--	.332	470	
70-3	Railroad Canyon	San Jacinto River	Elsinore, Calif.	718	651	May	1928	--	12,218	--	--	--	--	SCS
	do	do	do	--	--	June	1939	11	12,034	--	*60	.03	39	

1/ Dam was raised about 6 ft. in 1952.
2/ Includes above crest deposits.
3/ Formed by original rock-filled dam 58 feet high, which was subsequently raised in 1900, 1902, and 1916.
4/ Computed from Size analysis.
5/ Original survey made in 1908.
6/ Basin filled with sediment by one summer flash flood.
7/ Has no meaning as a large portion of the sediment passed through the basin.
8/ Includes some deposition above crest of spillway.
9/ Drainage area and sediment contributing area were increased when Loftus diversion channel was completed on Dec. 21, 1954.
10/ Capacity increased by excavation.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG ANN INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ MI OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ MI OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
						SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)							
70-4	Lake Sherwood	Triunfo Creek	Hollywood, Calif.	16	15.7	-- 1905	--	2,870	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1936	31	2,792	--	*50	.16	174	
	do	do	do	--	--	Mar. 1938	2	2,772	--	--	.64	697	
70-5	Stone Canyon	Stone Canyon Creek	Sawtelle, Calif.	1.36	1.16	May 1921	--	7,998	--	--	--	--	SCS
	do	do	do	--	--	June 1939	18.1	7,949	--	*60	2.34	3,058	
70-6	Bonita Canyon	Bonita Creek	Orange, Calif.	4	4	Jan. 1938	--	326	--	--	--	--	SCS
	do	do	do	--	--	June 1939	1/2	305	--	*60	2.63	3,437	
70-7	Bouquet Canyon	Bouquet Creek	San Fernando, CA	12.6	11.6	Mar. 1934	--	36,500	--	--	--	--	SCS
	do	do	do	--	--	June 1939	1/5	36,436	--	*40	1.1	958	
70-8a	Chatsworth	Trib. Los Angeles River	do	5.4	4.45	Apr. 1918	--	10,125	--	--	--	--	SCS
	do	do	do	--	--	June 1939	21	10,077	--	*40	.51	444	
70-9	Lake Hemet	Trib. San Jacinto River	Hemet, Calif.	66	65.3	-- 1892	--	14,000	--	--	--	--	SCS
	do	do	do	--	--	June 1940	48	11,702	--	*75	.73	1,190	
70-10	Laguna	Trib. of Newport Bay	Orange, Calif.	.75	.72	Feb. 1938	--	274	--	--	--	--	SCS
	do	do	do	--	--	June 1939	1/2	266	--	*40	5.56	4,840	
70-11	Encino	Encino Creek	Los Angeles, Calif.	1.42	1.3	May 1921	--	3,229	--	--	--	--	SCS
	do	do	do	--	--	June 1939	18	3,210	--	*40	.815	710	
70-12	Fairmont	Antelope Valley River	Lancaster, Calif.	2.64	2.37	Oct. 1913	--	7,487	--	--	--	--	SCS
	do	do	do	--	--	June 1939	1/26	7,393	--	--	1.53	--	
70-13b	Little Rock Irrigation Dist.	Little Rock Creek	Palmdale, Calif.	68	67.84	Apr. 1924	--	4,217	--	--	--	--	SCS
	do	do	do	--	--	Jan. 1936	1/11	4,139	--	*85	.1	185	
	do	do	do	--	--	June 1938	3	3,648	--	--	2.41	4,460	
	do	do	do	--	--	Oct. 1943	5	3,404	--	--	.72	1,330	
	do	do	do	--	--	Dec. 1946	3	3,352	--	--	.25	460	
	do	do	do	--	--	Oct. 1951	5	3,297	--	*85	.15	278	
	do	do	do	--	--	Aug. 1953	2.2	3,313	--	*85	2/--	2/--	
70-14c	Live Oak Dam	Live Oak Creek	LaVerne, Calif.	2.3	2.3	3/-- 1919	--	247	--	--	--	--	CE
	do	do	do	--	--	Mar. 1929	6.3	247	--	--	0	--	
	do	do	do	--	--	Mar. 1936	7	242	--	--	.31	--	
	do	do	do	--	--	May 1938	2.1	228	--	--	2.9	--	
	do	do	do	--	--	Nov. 1952	14.5	221	--	--	.21	--	
	do	do	do	--	--	Dec. 1961	9	170	--	--	2.46	--	
	do	do	do	--	--	Dec. 1962	1	166	--	--	1.74	--	
	do	do	do	--	--	Mar. 1967	4.3	4/221.8	1.33	--	2.83	--	
	do	do	do	--	--	Jan. 1969	1.75	197.1	1.11	--	6.13	--	
	do	do	do	--	--	Oct. 1970	1.75	251.1	1.13	--	5.7	--	
70-15	Morena	Cottonwood Creek	San Diego, Calif.	112	109.4	Mar. 1910	--	66,767	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1935	25.7	60,699	--	*60	2.16	2,823	
	do	do	do	--	--	July 1948	12.6	58,933	--	--	1.28	1,673	
70-16b	Prado Flood-Control Res.	Santa Ana River	Corona, Calif.	2,233	1,131	Sept 1941	--	222,840	--	--	--	--	CE
	do	do	do	--	--	Aug. 1960	18.9	216,960	--	--	.275	--	
70-17	Mockingbird Canyon 5/---	Mockingbird Canyon	Arlington, Calif.	11.6	11.5	-- 1914	--	*1,000	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1940	26	961	--	*60	.13	170	
70-18c	Hansen Flood-Control Basin	Tujunga Creek	San Fernando, Calif.	147	146	Sept 1940	--	35,800	2.06	--	--	--	CE
	do	do	do	--	--	July 1941	.8	35,200	2.02	--	4.1	--	
	do	do	do	--	--	Oct. 1943	2.3	34,100	1.96	--	3.78	--	
	do	do	do	--	--	Nov. 1945	2.1	33,500	1.92	--	2.06	--	
	do	do	do	--	--	Jan. 1962	16.2	33,265	1.91	--	.1	--	
	do	do	do	--	--	Aug. 1969	7.58	29,700	1.71	--	3.22	--	
70-19	Brea F. C. Basin	Brea Creek	Fullerton, Calif.	23.4	23.1	Mar. 1942	--	4,168	3.97	--	--	--	CE
	do	do	do	--	--	Oct. 1949	7.5	4,097	3.9	--	.41	--	
70-20c	Cogswell (San Gabriel Dam #2)	San Gabriel River	Azusa, Calif.	39.2	39	Apr. 1935	--	12,881	--	--	--	--	CE
	do	do	do	--	--	Jan. 1936	.8	12,298	--	--	--	--	
	do	do	do	--	--	Apr. 1938	2.2	10,786	--	--	17.6	--	
	do	do	do	--	--	Nov. 1939	1.6	11,029	--	--	6/--	--	
	do	do	do	--	--	Nov. 1940	1	11,102	--	--	6/--	--	
	do	do	do	--	--	Nov. 1941	1	10,915	--	--	4.79	--	
	do	do	do	--	--	Oct. 1943	1.9	10,501	--	--	5.59	--	
	do	do	do	--	--	Jan. 1945	1.2	10,536	--	--	6/--	--	
	do	do	do	--	--	Sept 1946	1.7	10,597	--	--	6/--	--	
	do	do	do	--	--	Sept 1947	1	10,634	--	--	6/--	--	
	do	do	do	--	--	Dec. 1957	10.2	10,585	--	--	.12	--	
	do	do	do	--	--	Oct. 1958	.7	10,446	.612	--	2.48	--	

	-----do-----	-----do-----	-----do-----	--	--	Nov. 1962	4.1	10,228	.643	--	1.4	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1966	3.7	9,999	.642	--	1.62	--		
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1969	2.75	9,339	.512	--	6.15	--		
70-21e	San Gabriel Dam No. 1---	-----do-----	-----do-----	203	7/203	-- 1937	--	8/53,344	--	--	--	--	CE	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1938	.9	47,191	--	--	28.3	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1940	2.1	46,335	--	--	1.68	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1941	.8	45,862	--	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1942	1	45,759	--	--	.43	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1943	1	44,032	--	--	7.13	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1944	1.1	44,388	--	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1945	1	44,342	--	--	.19	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1948	3	43,825	--	--	.97	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1951	3	43,928	--	--	.23	--		
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1953	1.2	43,853	--	--	.94	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1954	1.3	44,013	--	--	.127	--		
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1958	4.3	44,614	--	--	.193	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1961	3.1	44,366	--	--	.329	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1962	1.2	43,642	.51	--	2.49	--		
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1965	3.1	42,371	.49	--	2.02	--		
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1966	.3	42,075	.51	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	1.3	40,697	.46	--	5.22	--		
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1969	1.5	38,778	.45	--	8.86	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1969	.25	36,748	.42	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1969	.42	37,822	.43	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	41,549	.48	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1972	1.92	41,526	.48	--	.06	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1.08	46,554	.54	--	--	--		
70-22b	Morris Reservoir--------	-----do-----	-----do-----	211.3	9/210.7	Jan. 1934	--	39,316	--	--	--	--	CE	
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1936	2.1	38,692	.45	--	1.41	--		
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1938	2.1	37,175	.43	--	3.43	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1938	.7	36,655	.43	--	3.53	--		
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1949	11.2	35,174	.41	--	.63	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1956	6.8	34,861	.41	--	.22	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1960	4.2	33,827	.4	--	1.17	--		
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1967	6.2	32,961	.39	--	.66	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	3.8	30,085	.35	--	3.59	--		
70-23b	San Dimas F. C. Basin---	San Dimas Wash---------	San Dimas, Calif.-	16.2	16.1	Sept 1922	--	4/1,496	--	--	--	--	CE	
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1935	13.2	1,373	--	--	.58	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1938	2.9	1,155	--	--	4.67	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1939	1	1,189	--	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1941	2.1	1,145	--	--	1.3	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1943	1.9	1,071	--	--	2.42	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1944	1	1,042	--	--	1.8	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1954	9.8	1,025	--	--	.11	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	7.1	705	.25	--	2.8	--		
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1962	.4	729	.28	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1966	4.3	1,234	.49	--	16	--		
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1967	.7	1,129	.25	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1969	1.75	847	.32	--	10	--		
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1969	.08	756	.29	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1970	1.75	1,515	.47	--	1.12	--		
70-24c	Puddingstone Diversion D	-----do-----	-----do-----	19.9	10/19.7	Oct. 1929	--	4/148	.06	--	--	--	CE	
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1936	6.25	121	.05	--	1.66	--		
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1938	2.17	50	.02	--	12.58	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1939	1.66	76	.03	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1942	2.92	101	.04	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1944	1.92	112	.05	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1952	7.33	119	.05	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1953	1.67	138	.06	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1962	9	203	.09	--	.28	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1966	3.67	125	.05	--	1.07	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1.41	200	.08	--	2.03	--		
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1969	1.25	74	.03	--	5.13	--		
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1969	.17	42	.02	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1970	1.66	156.3	.07	--	1.69	--		
70-25a	Puddingstone Dam F. C. Basin	Puddingstone Creek-----	-----do-----	32.2	11/11	-- 1915	--	17,398	--	--	--	--	CE	
	-----do-----	-----do-----	-----do-----	--	--	-- 1927	0	17,398	--	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1941	13	17,190	--	--	1.45	--		
70-26c	Big Dalton F. C. Basin--	Big Dalton Creek-------	Glendora, Calif.--	4.5	4.5	Jan. 1930	--	4/1,194	--	--	--	--	CE	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1931	1.7	1,039	--	--	20.26	--		
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1935	3.3	1,053	--	--	--	--		
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1938	3.1	969	--	--	6.02	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1943	5.5	953	--	--	.65	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1944	1	952	--	--	.22	--		

1/ Based on runoff seasons.
2/ Not computed because of scour during period.
3/ Normal operation began 1922.
4/ Sediment removed at various times.
5/ Equalizing reservoir on Gage Canal System obtaining water from the Santa Ana River.
6/ No record of quantities sluiced.
7/ Includes San Gabriel Dams drainage area 39.2 sq. mi. as sediment is sluiced into San Gabriel Dam 1 drainage area.
8/ Storage capacity is regained by sluicing at various times.
9/ Includes Cogswell and San Gabriel Dam #1. (Drainage area 203 sq. mi.) Sediment sluiced into this area.
10/ Includes San Dimas drainage area (16.2 sq. mi.). Sediment sluiced into this area.
11/ 21.1 sq. mi. controlled by San Dimas, Live Oak Dam, and Puddingstone Diverson Dams.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI OF NET DR AREA FOR PERIOD SHOWN ACRE-FT	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI OF NET DR AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
	SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)												
	do	do	do	--	--	Oct. 1958	14	951	--	--	.02	--	
	do	do	do	--	--	Nov. 1961	3.1	680	1.25	--	5.09	--	
	do	do	do	--	--	Jan. 1962	.2	869	1.24	--	--	--	
	do	do	do	--	--	Aug. 1966	4.7	752	1.14	--	5.53	--	
	do	do	do	--	--	Apr. 1967	.7	692	1.05	--	--	--	
	do	do	do	--	--	Jan. 1969	1.75	515	.78	--	.225	--	
	do	do	do	--	--	Mar. 1969	.17	452	.68	--	--	--	
70-27c	Big Santa Anita F. C. Basin	Santa Anita Creek	Arcadia, Calif.	10.8	10.8	-- 1923	--	1/1,376	--	--	--	--	CE
	do	do	do	--	--	2/Feb. 1935	7.9	1,068	--	--	3.61	--	
	do	do	do	--	--	Feb. 1936	1	1,014	--	--	5	--	
	do	do	do	--	--	July 1938	2.4	688	--	--	12.6	--	
	do	do	do	--	--	Feb. 1940	1.6	710	--	--	7.18	--	
	do	do	do	--	--	Feb. 1942	2	701	--	--	1.43	--	
	do	do	do	--	--	Mar. 1943	1.1	568	--	--	11.2	--	
	do	do	do	--	--	Sept 1943	.5	604	--	--	--	--	
	do	do	do	--	--	May 1944	.7	697	--	--	--	--	
	do	do	do	--	--	Jan. 1947	2.7	728	--	--	.44	--	
	do	do	do	--	--	Dec. 1952	5.9	728	--	--	.22	--	
	do	do	do	--	--	July 1954	1.6	584	--	--	9.15	--	
	do	do	do	--	--	Feb. 1956	1.5	613	--	--	1.3	--	
	do	do	do	--	--	Sept 1958	2.6	587	--	--	.94	--	
	do	do	do	--	--	Apr. 1962	3.6	630	.16	--	3.31	--	
	do	do	do	--	--	Sept 1966	4.4	552	.14	--	1.9	--	
	do	do	do	--	--	Oct. 1968	2.1	600	.14	--	3.69	--	
	do	do	do	--	--	Mar. 1969	.42	258	.06	--	--	--	
	do	do	do	--	--	Nov. 1970	1.67	836	.16	--	.94	--	
70-28c	Big Tujunga F. C. Basin	Big Tujunga Creek	Sunland, Calif.	82.3	82.2	-- 1931	--	1/6,240	--	-	--	--	CE
	do	do	do	--	--	May 1938	6.9	4,734	--	--	2.65	--	
	do	do	do	--	--	Oct. 1939	1.5	4,488	--	--	2	--	
	do	do	do	--	--	Feb. 1940	.3	4,568	--	--	2.64	--	
	do	do	do	--	--	July 1941	1.5	4,425	--	--	7.33	--	
	do	do	do	--	--	Feb. 1943	1.5	4,043	--	--	3.1	--	
	do	do	do	--	--	Apr. 1943	.2	4,236	.28	--	--	--	
	do	do	do	--	--	June 1944	1.1	4,235	.28	--	2.19	--	
	do	do	do	--	--	Oct. 1953	9.3	4,099	.27	--	.18	--	
	do	do	do	--	--	June 1958	4.8	4,123	.27	--	.28	--	
	do	do	do	--	--	July 1962	4.1	4,065	.26	--	.4	--	
	do	do	do	--	--	Oct. 1966	4.25	3,819	.25	--	.72	--	
	do	do	do	--	--	Feb. 1969	2.33	2,758	.18	--	6.03	--	
	do	do	do	--	--	Oct. 1970	1.67	6,027	.39	--	--	--	
70-29c	Devil's Gate F. C. Basin	Arroyo Seco River	Pasadena, Calif.	31.9	31.7	-- 1916	--	1/4,601	--	--	--	--	CE
	do	do	do	--	--	June 1933	13	4,554	--	--	.11	--	
	do	do	do	--	--	Sept 1934	1.2	4,127	--	--	11.15	--	
	do	do	do	--	--	Jan. 1935	.3	3,996	--	--	13.69	--	
	do	do	do	--	--	June 1938	3.5	2,967	--	--	9.22	--	
	do	do	do	--	--	Jan. 1942	3.6	2,728	--	--	7.08	--	
	do	do	do	--	--	Jan. 1943	1	2,504	.38	--	3.02	--	
	do	do	do	--	--	Fall 1948	5.7	2,561	.39	--	1.25	--	
	do	do	do	--	--	July 1952	3.8	2,630	.4	--	1.86	--	
	do	do	do	--	--	Sept 1955	3.3	2,709	.41	--	.58	--	
	do	do	do	--	--	Dec. 1959	4.2	2,839	.43	--	.63	--	
	do	do	do	--	--	May 1961	1.4	2,886	.44	--	4.87	--	
	do	do	do	--	--	May 1962	1	2,749	.42	--	9.59	--	
	do	do	do	--	--	Sept 1966	4.3	2,598	.5	--	4.2	--	
	do	do	do	--	--	Nov. 1969	3.2	2,002	.3	--	7.32	--	
	do	do	do	--	--	Dec. 1971	2.08	1,928	.29	--	1.12	--	
70-30e	Eaton Wash (Eaton Wash Dam)	Eaton Creek	do	9.5	9.4	-- 1936	--	1/956	--	--	--	--	CE
	do	do	do	--	--	Feb. 1937	1	945	--	--	1.17	--	
	do	do	do	--	--	May 1938	1.3	698	--	--	20.2	--	
	do	do	do	--	--	Dec. 1938	.6	699	--	--	--	--	
	do	do	do	--	--	Oct. 1940	1.8	711	--	--	--	--	
	do	do	do	--	--	Aug. 1941	.8	681	--	--	--	--	
	do	do	do	--	--	Sept 1942	1.1	722	--	--	--	--	
	do	do	do	--	--	Oct. 1943	1.1	632	.29	--	12.7	--	
	do	do	do	--	--	Oct. 1944	1	607	.27	--	2.7	--	
	do	do	do	--	--	Oct. 1946	2	674	.31	--	0	--	
	do	do	do	--	--	June 1947	.7	661	.3	--	2	--	

	-----do----------	-----do----------	-----do----------	--	--	June 1950	3	665	.3	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1952	1.6	703	.32	--	.1	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1957	5.3	655	.3	--	1	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1958	1.5	725	.33	--	.5	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1961	2.9	807	.37	--	2.48	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1963	2	828	.37	--	.53	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1964	.2	872.8	.4	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1966	2.2	769.7	.35	--	4.38	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1967	1.3	758.4	.34	--	6.49	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1969	2.4	879	.4	--	11.3	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1973	3.75	784	.35	--	2.69	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1975	1.83	832	.38	--	8.31	--	
70-31d	Pacoima F. C. Basin-----	Pacoima Canyon---------	San Fernando, CA--	28.2	26.2	Oct. 1929	--	1/6,060	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1936	6.3	5,592	--	--	2.63	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1938	2.2	5,004	--	--	3.47	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1942	4.6	4,837	--	--	1.29	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1944	2.1	4,714	--	--	2.84	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1954	9.8	4,787	--	--	.15	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1958	3.8	4,651	--	--	2.97	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1962	3.9	4,581	.73	--	.64	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1966	4.25	4,453	.71	--	1.08	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1969	2.58	3,841	.61	--	8.4	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1971	2.58	3,929	.62	--	--	--	
70-32	Santiago----------	Santiago Creek---------	Villa Park, Calif.	63	62.1	Dec. 1931	--	25,000	1.619	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1946	16.8	24,840	1.609	--	.15	--	
70-33b	Sawpit F. C. Basin------	Sawpit Creek----------	Monrovia, Calif.--	3.3	3.3	3/-- 1923	--	1/476	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1935	8.3	389	--	--	3.18	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1938	2.6	320	--	--	8.03	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1941	3.	342	--	--	2.94	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1943	2.6	322	--	--	3.03	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1954	10.2	305	--	--	.51	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	5.5	289	--	--	3.03	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1962	2.7	271.8	.52	--	1.91	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1964	2.2	308.5	.61	--	5.09	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1966	1.9	284.3	.55	--	3.82	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1967	.7	269.2	.48	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1969	2.7	391	.47	--	16.39	--	
70-34c	Sierra Madre Debris Dam-	Little Santa Anita Cr.-	Sierra Madre, CA--	2.39	2.39	Feb. 1928	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1939	11.83	--	--	--	.92	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1944	4.17	--	--	--	1.42	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1954	10.17	--	--	--	2.24	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	15.5	--	--	--	2.15	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	5	--	--	--	1.52	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	1	--	--	--	5.32	--	
70-35c	Thompson Cr. F. C. Basin	Thompson Creek---------	Claremont, Calif.-	3.5	3.5	-- 1916	--	1/692	3.51	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1932	5/4.6	643	3.26	--	3.04	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1943	10.3	612	3.11	--	.86	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1954	11.7	571	2.9	--	1	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1957	3.3	566	2.87	--	.86	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1957	.4	570	2.89	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1959	1.5	578	2.93	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1962	2.6	554	2.81	--	2.64	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1967	4.6	510	2.59	--	2.73	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1969	2	448	2.27	--	9.93	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1972	3.75	503	2.55	--	--	--	
70-36c	Wilbur Ave. Debris Basin	Aliso Creek----------	Northridge, Calif.	8.63	8.63	June 1942	--	1/--	--	--	4/--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1943	1.33	--	--	--	2.37	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1944	1	--	--	--	2.72	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	3	--	--	--	.65	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	3	--	--	--	.25	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	2	--	--	--	2.09	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1957	5	--	--	--	.47	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1960	3	--	--	--	.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1962	2	--	--	--	1.29	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	3	--	--	--	.41	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	1	--	--	--	2.99	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	1	--	--	--	2.35	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	1	--	--	--	2.17	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	1	--	--	--	2.72	--	
70-37b	Altadena Debris Basin---	Rubio Wash----------	Altadena, Calif.--	.65	.65	Sept 1947	1	1/--	--	--	4/1.34	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	1	--	--	--	1.92	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	1	--	--	--	1.35	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1	--	--	--	1.58	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1952	1.5	--	--	--	1.75	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1956	3.9	--	--	--	1.11	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1957	1.6	--	--	--	1.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1958	.6	--	--	--	8.97	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	1.4	--	--	--	2.57	--	

1/ Sediment is removed at various times by sluicing and/or excavation.
2/ Date normal operation began - Mar. 1927.
3/ Date normal operation began - June 1927.
4/ Sedimentation values as computed by Los Angeles County FCD are based on complete water year.

5/ Storage and surface area assumed same at time of initial normal operations, Mar. 1928, as in 1916 survey.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)										
70-38d	Bailey Debris Dam	Bailey Channel	Sierra Madre, CA	.6	.6	Dec. 1954	--	1/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1959	4.83	--	--	--	2/7.88	--	
	do	do	do	--	--	Sept 1962	3	--	--	--	8.82	--	
	do	do	do	--	--	Sept 1968	6.	--	--	--	.86	--	
	do	do	do	--	--	Sept 1971	3	--	--	--	1.72	--	
	do	do	do	--	--	Sept 1972	1	--	--	--	33.88	--	
70-39c	Brand Debris Basin	Brand Canyon Channel	La Canada, Calif.	1.03	1.03	Sept 1940	5	1/--	--	--	2/.58	--	CE
	do	do	do	--	--	Sept 1941	1	--	--	--	.63	--	
	do	do	do	--	--	Sept 1942	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1943	1	--	--	--	1.86	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	.19	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	.09	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	1.59	--	
	do	do	do	--	--	Sept 1964	12	--	--	--	1.17	--	
	do	do	do	--	--	Sept 1965	1	--	--	--	27.86	--	
	do	do	do	--	--	Sept 1970	5	--	--	--	2.87	--	
70-40d	Dunsmuir Debris Basin	Dunsmuir Canyon Channel	Tujunga, Calif.	.84	.84	Sept 1936	1	1/--	--	--	2/.69	--	CE
	do	do	do	--	--	Sept 1938	2	--	--	--	29	--	
	do	do	do	--	--	Sept 1940	2	--	--	--	8.14	--	
	do	do	do	--	--	Sept 1941	1	--	--	--	8.74	--	
	do	do	do	--	--	Sept 1942	1	--	--	--	.27	--	
	do	do	do	--	--	Sept 1943	1	--	--	--	10.3	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	2.87	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	.56	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	3.13	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	1.15	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	4.07	--	
	do	do	do	--	--	Sept 1954	2	--	--	--	.36	--	
	do	do	do	--	--	Sept 1959	5	--	--	--	3.17	--	
	do	do	do	--	--	Sept 1970	11	--	--	--	1.58	--	
	do	do	do	--	--	Sept 1975	5	--	--	--	.51	--	
70-41c	Eagle Debris Basin	Eagle Canyon	La Crescenta, CA	.61	.61	Sept 1938	2	1/--	--	--	2/21.2	--	CE
	do	do	do	--	--	Sept 1939	1	--	--	--	11.7	--	
	do	do	do	--	--	Sept 1941	2	--	--	--	7.03	--	
	do	do	do	--	--	Sept 1942	1	--	--	--	.34	--	
	do	do	do	--	--	Sept 1943	1	--	--	--	15.7	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	4.59	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	1.11	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	.59	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	.41	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	.07	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	2.66	--	
	do	do	do	--	--	Aug. 1956	3.9	--	--	--	.02	--	
	do	do	do	--	--	Sept 1960	4.1	--	--	--	1.67	--	
	do	do	do	--	--	Sept 1961	1	--	--	--	2.05	--	
	do	do	do	--	--	Sept 1966	5	--	--	--	5.28	--	
	do	do	do	--	--	Sept 1970	4	--	--	--	5.87	--	
70-42d	Fair Oaks Debris Basin	Fair Oaks Canyon	Altadena, Calif.	.21	.21	Sept 1936	1	1/--	--	--	2/46.4	--	CE
	do	do	do	--	--	Sept 1938	2	--	--	--	47.6	--	
	do	do	do	--	--	Sept 1941	3	--	--	--	3.9	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	4.8	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	.24	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	1.71	--	

	do	do	do	--	--	Sept 1946	1	--	--	--	2.86	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	1.95	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	.019	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	4.57	--	
	do	do	do	--	--	Oct. 1956	4.1	--	--	--	.14	--	
	do	do	do	--	--	June 1958	1.7	--	--	--	19.05	--	
	do	do	do	--	--	Sept 1963	5.2	--	--	--	4.76	--	
	do	do	do	--	--	Sept 1966	3	--	--	--	10.14	--	
	do	do	do	--	--	Sept 1968	2	--	--	--	3.1	--	
	do	do	do	--	--	Sept 1969	1	--	--	--	46.9	--	
70-43c	Fern Debris Basin	Fern Canyon	do	.3	.3	Dec. 1935	--	1/--	--	--	2/--	--	CE
	do	do	do	--	--	Sept 1936	.83	--	--	--	30.84	--	
	do	do	do	--	--	Sept 1938	2	--	--	--	44.02	--	
	do	do	do	--	--	Sept 1941	3	--	--	--	3.3	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	10.03	--	
	do	do	do	--	--	Sept 1952	9	--	--	--	2.53	--	
	do	do	do	--	--	Sept 1964	12	--	--	--	1.23	--	
	do	do	do	--	--	Sept 1966	2	--	--	--	16.7	--	
	do	do	do	--	--	Sept 1968	2	--	--	--	10.5	--	
	do	do	do	--	--	Sept 1969	1	--	--	--	47.63	--	
70-44d	Gould Debris Basin	Gould Canyon Channel	La Canada, Calif.	.47	.47	Sept 1948	1	1/--	--	--	2/0	--	CE
	do	do	do	--	--	Sept 1950	2	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	5.32	--	
	do	do	do	--	--	June 1958	5.8	--	--	--	3.29	--	
	do	do	do	--	--	Sept 1962	4.2	--	--	--	5.83	--	
	do	do	do	--	--	Sept 1966	4	--	--	--	9.04	--	
	do	do	do	--	--	Sept 1968	2	--	--	--	1.98	--	
	do	do	do	--	--	Sept 1969	1	--	--	--	28.7	--	
	do	do	do	--	--	Sept 1975	6	--	--	--	.49	--	
70-45a	Haines Debris Basin	Haines Canyon	Tujunga, Calif.	1.53	1.53	Sept 1938	3	1/--	--	--	2/6.93	--	CE
	do	do	do	--	--	Sept 1940	2	--	--	--	2.31	--	
	do	do	do	--	--	Sept 1941	1	--	--	--	5.09	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	4.22	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	3.58	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	2.59	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	.37	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	May 1952	1.6	--	--	--	1.57	--	
70-46d	Hall's Debris Basin	Hall - Beckley Canyon	La Canada, Calif.	3/.84	.84	Nov. 1935	--	--	--	--	--	--	CE
	do	do	do	--	--	Sept 1937	1.9	--	--	--	2/12.82	--	
	do	do	do	--	--	Sept 1938	1	--	--	--	77.21	--	
	do	do	do	--	--	Sept 1940	2	--	--	--	9.45	--	
	do	do	do	--	--	Sept 1943	3	--	--	--	20.61	--	
	do	do	do	3/1.06	1.06	Sept 1948	5	--	--	--	2.43	--	
	do	do	do	--	--	Feb. 1957	8.4	--	--	--	.23	--	
	do	do	do	--	--	Sept 1959	2.6	--	--	--	11.54	--	
	do	do	do	--	--	Sept 1962	3	--	--	--	.06	--	
	do	do	do	--	--	Sept 1964	2	--	--	--	4.5	--	
	do	do	do	--	--	Sept 1968	4	--	--	--	3.48	--	
	do	do	do	--	--	Sept 1969	1	--	--	--	34.46	--	
70-47c	Hay Debris Basin	Hay Canyon Channel	do	.2	.2	Sept 1938	2	1/--	--	--	2/28.3	--	CE
	do	do	do	--	--	Sept 1939	1	--	--	--	6.3	--	
	do	do	do	--	--	Sept 1940	1	--	--	--	.55	--	
	do	do	do	--	--	Sept 1941	1	--	--	--	1.9	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	4.75	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	.65	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	1.55	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	2.3	--	
	do	do	do	--	--	Sept 1961	9	--	--	--	3.58	--	
	do	do	do	--	--	Sept 1964	3	--	--	--	5.95	--	
	do	do	do	--	--	Sept 1968	4	--	--	--	3.25	--	
	do	do	do	--	--	Sept 1970	2	--	--	--	11.5	--	
70-48d	Las Flores Debris Basin	Las Flores Channel	Altadena, Calif.	.45	.45	Apr. 1935	--	1/--	--	--	2/--	--	CE
	do	do	do	--	--	Sept 1936	.5	--	--	--	28.88	--	
	do	do	do	--	--	Sept 1938	2	--	--	--	38.31	--	
	do	do	do	--	--	Sept 1944	6	--	--	--	3.26	--	
	do	do	do	--	--	Sept 1963	19	--	--	--	2.31	--	
	do	do	do	--	--	Sept 1966	3	--	--	--	8.79	--	
	do	do	do	--	--	Sept 1969	3	--	--	--	12.16	--	

1/ Capacity of debris basin varies. Debris excavated at various times.
2/ Sedimentation values as computed by LACFCD are based on complete water year.
3/ Drainage area 0.84 sq. mi. to 1945; 1.0659 sq. mi. beginning 1945.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
				SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)									
70-49e	Lincoln Debris Basin----	Lincoln Canyon---------	Altadena, Calif.--	.5	.5	Jan. 1936	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1936	.75	--	--	--	2/6.53	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1938	2	--	--	--	21.24	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1941	3	--	--	--	5.35	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1944	3	--	--	--	4.44	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1952	7.5	--	--	--	1.28	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1961	9.5	--	--	--	.08	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	6	--	--	--	3.09	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	2	--	--	--	16.22	--	
70-50c	Nichols Debris Basin----	Nichols Canyon---------	Hollywood, Calif.-	.94	.94	Sept 1942	5	1/--	--	--	2/3.18	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1943	1	--	--	--	1.98	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1944	1	--	--	--	.48	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1945	1	--	--	--	.2	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1946	1	--	--	--	.15	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	1	--	--	--	3.72	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	1	--	--	--	.29	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	1	--	--	--	.38	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1	--	--	--	.8	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1952	1.6	--	--	--	5.82	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1956	3.8	--	--	--	.47	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	3.6	--	--	--	1.39	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1960	1	--	--	--	3.29	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	6	--	--	--	1.06	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	2	--	--	--	2.15	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	2	--	--	--	2.77	--	
70-51b	Paradise Debris Basin---	Paradise Canyon--------	La Canada, Calif.-	.96	.96	Sept 1945	1	1/--	--	--	2/1.18	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1946	1	--	--	--	.92	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	1	--	--	--	1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	1	--	--	--	.14	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	1	--	--	--	.1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	.58	.58	Apr. 1952	1.4	--	--	--	5.38	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1956	3.9	--	--	--	.98	--	
70-52c	Pickens Debris Basin----	Pickens Canyon---------	La Crescenta, CA--	1.84	1.84	Sept 1936	1	1/--	--	--	2/11	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1937	1	--	--	--	6.89	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1938	1	--	--	--	44.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1939	1	--	--	--	2.95	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1940	1	--	--	--	4.75	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1941	1	--	--	--	11.6	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1943	2	--	--	--	9.03	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1944	1	--	--	--	3	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1945	1	--	--	--	.51	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1946	1	--	--	--	.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	1	--	--	--	.37	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	1	--	--	--	.15	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	2	--	--	--	2.25	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	7	--	--	--	2.81	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	7	--	--	--	3.41	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	4	--	--	--	4.44	--	
70-53c	Rubio Debris Dam--------	Rubio Wash----------	Altadena, Calif.--	1.3	1.3	Sept 1946	3	1/--	--	--	2/.69	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	1	--	--	--	.32	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	2	--	--	--	1.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1957	4.7	--	--	--	.05	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	9.4	--	--	--	2.07	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	3	--	--	--	10	--	

70-54c	Scholl Debris Basin-----	Scholl Canyon----------	Glendale, Calif.--	.66	.66	Sept 1947	2	1/--	--	--	2/.32	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	2	--	--	--	1.45	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1961	9	--	--	--	.53	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	9	--	--	--	.88	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	4	--	--	--	.56	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	1	--	--	--	.94	--	
70-55c	Shields Debris Basin----	Shields Channel--------	La Crescenta, CA--	.27	.27	Sept 1938	1	1/--	--	--	2/77	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1939	1	--	--	--	10.1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1941	2	--	--	--	10.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1943	2	--	--	--	5.85	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1944	1	--	--	--	2.33	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1945	1	--	--	--	.52	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1946	1	--	--	--	1.04	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	1	--	--	--	.04	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	1.5	--	--	--	10.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1961	9.5	--	--	--	2.07	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	5	--	--	--	6.81	--	
70-56c	Snover Debris Basin----	Snover Canyon----------	-----do----------	.23	.23	Sept 1938	2	1/--	--	--	2/22.6	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1939	1	--	--	--	57	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1941	2	--	--	--	4.4	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1943	2	--	--	--	8.3	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1945	2	--	--	--	.65	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	7	--	--	--	1.09	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1961	9	--	--	--	.06	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	7	--	--	--	3.3	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	1	--	--	--	56.5	--	
70-57b	Sparr Debris Basin------	Sparr Channel----------	Montrose, Calif.--	.84	.84	Sept 1947	.6	1/--	--	--	2/0	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1948	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1949	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1952	1.5	--	--	--	3.56	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1956	3.9	--	--	--	1.13	--	
70-58c	Stough Debris Basin-----	Stough Canyon Channel--	Burbank, Calif.---	1.65	1.65	Sept 1943	3	1/--	--	--	2/4.22	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1944	1	--	--	--	2.84	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1945	1	--	--	--	1.76	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1946	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	3	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1952	1.6	--	--	--	2.73	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1958	6.4	--	--	--	.37	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1960	2	--	--	--	.75	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	5	--	--	--	2.86	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1973	8	--	--	--	.32	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	2	--	--	--	.19	--	
70-59d	Sunset Canyon Debris Dam (upper)	Sunset Canyon Channel--	-----do----------	.44	.44	Nov. 1929	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1942	12.9	--	--	--	2/1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	10	--	--	--	.45	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	7	--	--	--	1.68	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	7	--	--	--	8.13	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	3	--	--	--	6.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	2	--	--	--	1.74	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1973	2	--	--	--	.22	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	1	--	--	--	4.5	--	
70-60	Vanalden Debris Basin---	Vanalden Channel-------	Encino, Calif.----	1.08	1.08	Sept 1946	1	1/--	--	--	2/.32	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1947	1	--	--	--	.02	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	3	--	--	--	--	--	
70-61d	Verdugo Debris Basin----	Verdugo Wash----------	Montrose, Calif.--	15.5	10	Sept 1938	3.58	1/--	--	--	2/1.83	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1941	3	--	--	--	.81	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1943	2	--	--	--	2.05	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1944	1	--	--	--	4.27	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1950	6	--	--	--	.06	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1952	2	--	--	--	.82	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1953	1	--	--	--	3.73	--	
	-----do----------	-----do----------	-----do----------	--	--	May 1956	2.67	--	--	--	.002	--	
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1959	2.67	--	--	--	.89	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1960	1.66	--	--	--	.05	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1964	4	--	--	--	.55	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	2	--	--	--	1.71	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	2	--	--	--	.05	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	2	--	--	--	3.14	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	4	--	--	--	.45	--	

1/ Capacity of debris basin varies. Debris excavated at various times.

2/ Sedimentation values as computed by LACFCD are based on complete water year.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI OF NET DR AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN SEDIMENT ACCUMULATION PER SQ. MI OF NET DR AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
				SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)									
70-62b	Ward Debris Basin (lower)	Ward Canyon	La Crescenta, CA	1/.64	1/.64	Sept 1945	1	2/--	--	--	3/.51	--	CE
	do	do	do	--	--	Sept 1946	1	--	--	--	1.63	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	4.86	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	1	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	.36	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	1.11	--	
	do	do	do	--	--	Feb. 1952	1.3	--	--	--	6.41	--	
	do	do	do	--	--	Apr. 1952	.2	--	--	--	--	--	
	do	do	do	--	--	Sept 1956	4.4	--	--	--	.52	--	
	do	do	do	--	--	Sept 1958	2	--	--	--	.7	--	
70-63c	West Ravine Debris Basin	West Ravine Canyon	Altadena, Calif.	.25	.25	Dec. 1935	--	2/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1936	.83	--	--	--	3/57.64	--	
	do	do	do	--	--	Sept 1937	1	--	--	--	45.44	--	
	do	do	do	--	--	Sept 1938	1	--	--	--	74.04	--	
	do	do	do	--	--	Sept 1941	3	--	--	--	9.52	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	12.76	--	
	do	do	do	--	--	Sept 1952	9	--	--	--	2.68	--	
	do	do	do	--	--	Sept 1964	12	--	--	--	1.08	--	
	do	do	do	--	--	Sept 1968	4	--	--	--	8.49	--	
	do	do	do	--	--	Sept 1969	1	--	--	--	39.36	--	
70-64	Camp Marston	Dehr Creek	Julian, Calif.	1.6	1.59	-- 1918	--	44.1	--	--	--	--	SCS
	do	do	do	--	--	Sept 1951	33	36.9	--	*60	.14	183	
70-65c	Cooks Canyon Debris Basin	Cooks Canyon	La Crescenta, CA	.58	.58	Mar. 1952	.17	2/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1961	9.67	--	--	--	3/.28	--	
	do	do	do	--	--	Sept 1969	8	--	--	--	.028	--	
	do	do	do	--	--	Sept 1974	5	--	--	--	.34	--	
70-66a	Auburn Debris Basin	Auburn Creek	Sierra Madre, CA	.19	.19	Dec. 1954	--	2/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1962	7.8	--	--	--	3/11.74	--	
	do	do	do	--	--	Sept 1968	6	--	--	--	5.8	--	
	do	do	do	--	--	Sept 1972	4	--	--	--	29.1	--	
70-67b	Bradbury Debris Basin	Bradbury Canyon	Monrovia, Calif.	.68	.68	Jan. 1955	--	2/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1959	4.75	--	--	--	3/8.24	--	
	do	do	do	--	--	Sept 1961	2	--	--	--	1.62	--	
	do	do	do	--	--	Sept 1966	5	--	--	--	6.66	--	
	do	do	do	--	--	Sept 1969	3	--	--	--	23.2	--	
70-68a	Carter Debris Basin	Carter Canyon	Sierra Madre, CA	.12	.12	Dec. 1954	--	2/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1959	4.8	--	--	--	3/2.8	--	
	do	do	do	--	--	Sept 1962	3	--	--	--	23.7	--	
	do	do	do	--	--	Sept 1969	7	--	--	--	4.06	--	
70-69a	Deer Debris Basin	Deer Canyon	Glendale, Calif.	.59	.59	Jan. 1955	--	2/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1959	4.83	--	--	--	3/.55	--	
	do	do	do	--	--	Sept 1964	5	--	--	--	2.1	--	
	do	do	do	--	--	Sept 1965	1	--	--	--	24.74	--	
	do	do	do	--	--	Sept 1966	1	--	--	--	21.19	--	
	do	do	do	--	--	Sept 1969	3	--	--	--	19	--	
70-70	Floral (Upper) Debris Basin	Floral Canyon	Sierra Madre, CA	.06	.06	Mar. 1954	--	2/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1959	5.6	--	--	--	2.4	--	
70-71a	La Tuna Debris Basin	La Tuna Canyon	Sun Valley, Calif.	5.34	5.34	Jan. 1956	--	2/--	--	--	--	--	CE
	do	do	do	--	--	Feb. 1956	.1	--	--	--	3/7.85	--	
	do	do	do	--	--	July 1957	1.4	--	--	--	.04	--	
	do	do	do	--	--	Sept 1958	1.2	--	--	--	.13	--	
	do	do	do	--	--	Sept 1959	1	--	--	--	2.15	--	
	do	do	do	--	*--	Sept 1960	1	--	--	--	1.22	--	
	do	do	do	--	--	Sept 1962	2	--	--	--	1.53	--	
	do	do	do	--	--	Sept 1971	9	--	--	--	.2	--	
70-72b	Lannan Debris Basin	Lannan Wash	Sierra Madre, CA	.25	.25	Mar. 1954	--	2/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1962	8.6	--	--	--	3/3.96	--	
	do	do	do	--	--	Sept 1967	5	--	--	--	.48	--	
	do	do	do	--	--	Sept 1970	3	--	--	--	16.92	--	
	do	do	do	--	--	Sept 1971	1	--	--	--	51.77	--	
	do	do	do	--	--	Sept 1974	3	--	--	--	8.36	--	

70-73b	Maddock Debris Basin----	Maddock Canyon---------	Duarte, Calif.----	.25	.25	Jan. 1955	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1956	1.2	--	--	--	3/17.8	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	3.5	--	--	--	3.88	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	8	--	--	--	1.8	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	2	--	--	--	15.8	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	1	--	--	--	2.96	--	
70-74b	May No. 1 Debris Basin--	May Canyon----------	San Fernando, CA--	.7	.7	Aug. 1953	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	6.2	--	--	--	3/.78	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	8	--	--	--	7.2	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	1	--	--	--	23.3	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	1	--	--	--	104	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	5	--	--	--	.06	--	
70-75b	May No. 2 Debris Basin--	-----do----------	-----do----------	.09	.09	Aug. 1953	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	14.17	--	--	--	3/2.44	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	1	--	--	--	45.44	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	1	--	--	--	28.56	--	
70-76a	McClure Debris Basin----	McClure Canyon---------	Burbank, Calif.---	.62	.62	Dec. 1953	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	5.8	--	--	--	3/6.6	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1961	2	--	--	--	9.27	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	4	--	--	--	2.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	1	--	--	--	10	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	1	--	--	--	9.52	--	
70-77	Rowley Debris Basin-----	Rowley Canyon----------	Tujunga, Calif.---	.58	.58	Jan. 1954	--	2/--	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	5.67	--	--	--	3/.62	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	9	--	--	--	1.5	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	1	--	--	--	11.8	--	
70-78	Ruby - Upper Debris Basin	Ruby Canyon----------	Sierra Madre, CA--	.21	.21	Jan. 1954	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	5.8	--	--	--	3/5.2	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1961	2	--	--	--	.29	--	
70-79b	Ruby - Lower Debris Basin	-----do----------	-----do----------	.1	.1	Dec. 1955	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1962	6.83	--	--	--	3/.5	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	7	--	--	--	12.7	--	
70-80a	Sawpit Debris Dam-------	Sawpit Creek----------	Monrovia, Calif.--	6.34	2.84	Jan. 1955	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	4.67	--	--	--	3/4.6	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1962	3	--	--	--	6.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	7	--	--	--	9.82	--	
70-81a	Sierra Madre Villa Debris Basin	Sierra Madre Villa Canyon	Sierra Madre, CA--	1.46	1.46	May 1958	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	1.4	--	--	--	3/.34	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1962	3	--	--	--	16.92	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	6	--	--	--	.18	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	2	--	--	--	45.89	--	
70-82a	Spinks Debris Basin-----	Spinks Canyon----------	Monrovia, Calif.--	.44	.44	Dec. 1958	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	.8	--	--	--	3/--	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1962	3	--	--	--	1.66	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	7	--	--	--	5.32	--	
70-83b	Turnbull Debris Basin---	Turnbull Canyon Wash---	Whittier, Calif.--	.99	.99	Jan. 1953	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	15.75	--	--	--	3/.35	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	1	--	--	--	15.85	--	
70-84	Zachau Debris Basin-----	Zachau Canyon----------	Tujunga, Calif.---	.35	.35	Aug. 1956	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1961	5.16	--	--	--	3/.31	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	8	--	--	--	2.54	--	
70-85a	Ward Debris Basin (Upper)	Ward Canyon----------	La Crescenta, CA--	.1	.1	Nov. 1956	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1957	.8	--	--	--	3/30.1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1958	1	--	--	--	39.3	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1959	1	--	--	--	17.5	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	8	--	--	--	.4	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	1	--	--	--	3.1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	1	--	--	--	22.9	--	
70-86	Sepulveda Flood Control Basin	Los Angeles River------	Van Nuys, Calif.--	152	142	Nov. 1941	--	16,720	1	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1944	3	17,437	1.04	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1961	16.6	17,296	1.03	--	.06	--	
70-87a	Santa Fe Flood Control Basin	San Gabriel River------	Baldwin Park, CA--	236	4/20.54	Apr. 1943	--	34,670	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1949	6.6	34,276	--	--	2.91	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1959	9.3	33,987	--	--	1.51	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1961	2.2	33,385	--	--	13.32	--	
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1967	5.7	32,716	--	--	5.72	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	1.6	2/34,916	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1969	.9	32,642	--	--	123	--	
70-88a	Bell IV (0804)----------	Bell Creek----------	Glendora, Calif.--	.061	.061	Jan. 1966	--	2.3	.234	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Dec. 1966	.96	--	--	--	1.16	--	
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1968	1.86	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1969	.43	--	--	--	39.6	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1970	1.41	--	--	--	.018	--	
70-89a	Bell Debris Basin-------	-----do----------	Canoga Park, Calif.	7	7	Oct. 1967	--	2/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	3	--	--	--	3/.6	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	1	--	--	--	.45	--	

1/ Drainage area 0.35 sq. mi. through 1947; 0.64 after 1947.
2/ Capacity of debris basin varies. Debris excavated at various times.
3/ Sedimentation values computed by Los Angeles County FCD are based on complete water year.
4/ Excludes drainage area above Morris Dam (215.46 sq. mi.).
Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)										
70-90	Carbon Canyon F. C. Basin	Carbon Canyon Creek----	Brea, Calif.------	19.3	19.3	Mar. 1961	--	7,033	10.0	-	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	8.5	6,615	9.45	--	2.54	--	
70-91a	Childs Debris Basin-----	Childs Canyon----------	Glendale, Calif.--	.31	.31	Sept 1963	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	3	--	--	--	2/8.81	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	2	--	--	--	1.26	--	
70-92a	Elmwood Debris Basin----	Elmwood Canyon---------	Burbank, Calif.---	.31	.31	-- 1964	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	4	--	--	--	2/7.92	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	6	--	--	--	2.06	--	
70-93a	Englewild Debris Basin--	Englewild Canyon-------	Glendora, Calif.--	.4	.4	Sept 1961	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	8	--	--	--	2/10.38	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	1	--	--	--	13.48	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1972	2	--	--	--	2.18	--	
70-94	Harrow Debris Basin-----	Harrow Canyon----------	Glendora, Calif.--	.43	.43	Sept 1958	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	11	--	--	--	2/6.77	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	1	--	--	--	16.3	--	
70-95	Hook East Debris Basin--	Hook Canyon----------	Azusa, Calif.-----	.18	.18	Sept 1967	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	2	--	--	--	2/66.7	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	1	--	--	--	2.78	--	
70-96a	Kinneloa Debris Basin---	Kinneloa Canyon--------	Pasadena, Calif.--	.2	.2	Oct. 1964	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1966	1.92	--	--	--	2/10.5	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	3	--	--	--	21.65	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	1	--	--	--	12.7	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	1	--	--	--	3.1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	3	--	--	--	4.55	--	
70-97a	Kinneloa - West Debris Basin	-----do----------	Altadena, Calif.--	.16	.16	Sept 1966	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	3	--	--	--	2/30.8	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	1	--	--	--	19.4	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	1	--	--	--	10.94	--	
70-98a	Little Dalton Debris Dam	Little Dalton----------	Glendora, Calif.--	3.3	3.3	Feb. 1960	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1962	2.6	--	--	--	2/15.9	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	7	--	--	--	12.4	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	5	--	--	--	.14	--	
70-99a	Morgan Debris Basin-----	Morgan Canyon----------	-----do----------	.6	.6	Sept 1964	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	5	--	--	--	2/2.81	--	
70-100	San Antonio F. C. Basin-	San Antonio Creek------	Claremont, Calif.-	26.7	26.7	Aug. 1956	--	9,285	.9	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	July 1969	12.91	6,718	.65	--	7.45	--	
70-101a	Schoolhouse Debris Basin	Mansfield Av. Storm Draw	Olive View, Calif.	.28	.28	June 1963	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	4.33	--	--	--	2/10.75	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	4	--	--	--	3.21	--	
70-102a	Sunset Debris Basin (Lower)	Sunset Canyon----------	Glendale, Calif.--	.65	.65	Jan. 1964	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1965	1.75	--	--	--	2/10.62	--	
70-103a	Santa Anita Debris Basin	Santa Anita Creek------	Arcadia, Calif.---	1.7	1.7	Dec. 1959	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1962	2.8	--	--	--	2/19.1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	6	--	--	--	.67	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	2	--	--	--	50	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	1	--	--	--	15.92	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	4	--	--	--	6.08	--	
70-104a	Wilson Debris Basin-----	Wilson Canyon----------	Olive View, Calif.	2.58	2.58	June 1963	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1967	4.2	--	--	--	2/5.23	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1972	5	--	--	--	.5	--	
70-105a	Wildwood Debris Basin---	Wildwood Creek---------	Newhall, Calif.---	.65	.65	Sept 1967	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	2	--	--	--	2/8.62	--	
70-106	Winery Debris Basin-----	Winery Canyon----------	La Crescenta, CA--	.18	.18	Sept 1968	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	1	--	--	--	2/28.2	--	
70-107	Aliso Debris Basin------	Aliso Canyon----------	Granada Hills, CA-	2.77	2.77	July 1970	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1971	1.25	--	--	--	2/1.13	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	4	--	--	--	.53	--	
70-108	Altadena Golf Course Debris Basin	Rubio Wash----------	Altadena, Calif.--	.2	.2	Sept 1959	1	1/--	--	--	2/11.7	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1946	13	--	--	--	.25	--	
70-109	Beatty Debris Basin-----	Beatty Canyon----------	Azusa, Calif.-----	.27	.27	Dec. 1970	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	5	--	--	--	2/1.67	--	
70-110	Big Dalton Debris Basin-	Big Dalton Wash--------	Glendora, Calif.--	2.9	2.9	Feb. 1960	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1962	2.67	--	--	--	2/14.1	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1969	7	--	--	--	12.81	--	
70-111	Blanchard Debris Basin--	Blanchard Canyon-------	Tujunga, Calif.---	.5	.5	Jan. 1968	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1972	4.75	--	--	--	2/3.66	--	

70-112	Brace Debris Basin------	Brace Canyon----------	Burbank, Calif.---	.29	.29	Feb. 1971	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	4	--	--	--	2/12.72	--	
70-113	Limekiln Debris Basin---	Limekiln Canyon Wash---	Granada Hills, CA-	3.69	3.69	-- 1963	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1968	5	--	--	--	2/.07	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	2	--	--	--	11.25	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1974	4	--	--	--	.88	--	
70-114	Lopez Flood-Control Basin	Pacoima Wash----------	San Fernanco, CA--	34	34	Dec. 1954	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1973	18.17	--	--	--	2/.77	--	
70-115	Oak Glade Debris Basin--	Trib. Sawpit Wash------	Monrovia, Calif.--	.06	.06	Aug. 1974	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	1	--	--	--	2/3.17	--	
70-116	Starfall Debris Basin---	Starfall Canyon--------	La Crescenta, CA--	.13	.13	Nov. 1973	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1975	2	--	--	--	2/6.	--	
70-117	Sturtevant Debris Basin-	Unnamed----------	Sierra Madre, CA--	.03	.03	Oct. 1967	--	1/--	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Sept 1972	5	--	--	--	2/1.33	--	
			SAN JOAQUIN AND KEEN RIVER BASINS AND ADJACENT COASTAL DRAINAGE										
71-1	Upper Crystal Springs---	Laguna Creek----------	San Francisco, CA-	13.3	12	Jan. 1878	--	29,138	12.67	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1935	57.8	28,159	12.24	--	1.41	--	
71-2	Atascadero Park Lake----	Atascadero Creek-------	Atascadero, Calif.	1	1	-- 1918	--	150	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1947	29	136	--	*60	.48	627	
71-3	Hawkins----------	N. Fk. Los Viboras Creek	Hollister, Calif.-	4.04	4.01	-- 1912	--	549	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1940	28	3/532	--	*60	3/.15	196	
71-4b	Santa Margarita Lake 4/-	Salinas River----------	Pozo, Calif.-------	112	110	-- 1942	--	5/25,800	--	--	--	--	GS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1947	6	25,660	--	--	.21	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1953	6	25,390	--	40	.41	357	
	-----do----------	-----do----------	-----do----------	--	--	July 1975	22	23,000	1.15	58	6/.98	6/1,627	
71-5	Copperopolis----------	Penney Creek----------	Copperopolis, CA--	2.06	2.01	-- 1915	--	265	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1945	30	263	--	55	.034	41	
71-6	Crane Valley----------	N. Fk. San Joaquin R.--	Madera, Calif.-----	54.5	52.7	-- 1901	--	45,410	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1946	45	45,028	--	*62	.161	217	
71-7	Davis----------	Shaw Creek----------	Stockton, Calif.--	7.87	7.62	-- 1917	--	1,421	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1945	28	1,367	--	63	.251	344	
71-8	Don Pedro----------	Tuolumne River---------	Modesto, Calif.---	1,001	996.5	Mar. 1923	--	289,000	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1945	22.7	284,266	--	*62	.21	284	
71-9	Exchequer----------	Merced River----------	Merced, Calif.-----	1,027	1,022.4	Sept 1926	--	289,000	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1946	19.6	285,646	--	62	.167	226	
71-10	Gilmore----------	Trib. of Mormon Slough-	Bellota, Calif.---	5.01	4.92	Sept 1917	--	579	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1945	28	560	--	50	.132	144	
71-11	Hume----------	Ten Mile Creek---------	Fresno, Calif.-----	24.2	24.1	June 1909	--	1,410	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1946	37	1,383	--	*62	.03	40	
71-12	La Grange----------	Tuolumne River---------	Modesto, Calif.---	1,501	7/1,501	Sept 1895	--	2,332	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1905	10.1	1,068	--	*70	.080	127	
71-13	Lyons----------	S. Fk. Stanislaus River	Tuolumne, Calif.--	8/40	39.7	June 1930	--	5,500	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1946	16	5,436	--	*70	.101	154	
71-14	McCarty----------	Trib. of Johnny Creek--	San Andreas, Calif.	.35	.32	Dec. 1937	--	96.3	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1945	7.7	96.5	--	*45	.3	294	
71-15	Pardee----------	Mokelumne River--------	Lodi, Calif.-------	9/387	383.5	-- 1929	--	210,000	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1943	14	209,183	--	*62	.152	205	
71-16	Salt Springs Valley-----	Rock Creek----------	San Andreas, Calif.	20.3	18.4	-- 1882	--	12,930	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1945	63	12,697	--	*50	.201	219	
71-17	(Upper) Bear River------	Bear River----------	Placerville, Calif.	28.5	28.2	Sept 1900	--	6,712	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1946	45.8	6,690	--	*70	.017	26	
71-18a	Wood Pond----------	Sycamore Creek---------	Danville, Calif.--	.3	.3	-- 1940	--	4.41	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	11	4.23	--	80	.053	92	
71-19	St. Mary's----------	Walnut Creek----------	Walnut Creek, CA--	3.11	2.97	-- 1928	--	134.01	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	23	88.59	--	45	.66	647	
71-20	Black Hills----------	Green Valley Creek-----	Danville, Calif.--	.76	.76	-- 1880	--	32.68	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	71	27.04	--	45	.11	110	
71-21	Lakewood----------	Walnut Creek----------	Concord, Calif.---	.75	.74	-- 1913	--	27.08	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	40	24.86	--	30	.076	50	
71-22	Contra Costa Country Club	Grayson Creek----------	Pacheco, Calif.---	.2	.2	-- 1934	--	5.75	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	-- 1951	17	5.24	--	40	.15	131	
71-23	Englehart Pond----------	Marsh Creek----------	Brentwood, Calif.-	.033	.033	-- 1945	--	1.34	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1953	7	1.32	--	*60	.088	115	
71-24a	C. C. Anderson Pond-----	-----do----------	-----do----------	.083	.083	-- 1945	--	1.92	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1952	7	1.864	--	*65	10/.096	10/136	
71-25	Upper Walter Keller Pond	-----do----------	-----do----------	.027	.027	-- 1943	--	1.347	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1952	9	1.185	--	*40	10/.682	10/594	
71-26	F. J. Hoey Pond---------	Alhambra Creek---------	-----do----------	.045	.045	-- 1947	--	2.45	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1953	5	2.32	--	*55	10/.578	10/692	
71-27a	Lee Higgins Pond--------	Marsh Creek----------	-----do----------	.202	.199	-- 1941	--	12.6	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1953	12	12.28	--	*40	.14	122	
71-28a	Souza----------	-----do----------	-----do----------	.319	.283	-- 1946	--	176.49	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1953	6	174.97	--	*30	.894	584	
71-29a	Ordway----------	-----do----------	-----do----------	.619	.613	-- 1945	--	60.9	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Jan. 1953	7	60.07	--	*70	.19	290	
71-30	North Fork----------	Pacheco Creek----------	Hollister, Calif.-	66.2	*66	-- 1938	--	5,803	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1951	12.4	5,706	--	*45	10/.12	10/118	

1/ Capacity of debris basin varies. Debris excavated at various times.
2/ Sedimentation values as computed by Los Angeles County FCD are based on complete water year.
3/ Some sediment sluiced out incidental to work on outlet.
4/ Name changed in 1967. Previously reported as Salinas.
5/ Original capacity previously reported as 26,000 ac. ft.
6/ Includes sediment above spillway crest elevation.
7/ Before construction of Don Pedro Reservoir in 1923.
8/ Excluding drainage area of Strawberry Reservoir.
9/ Excluding noncontributing areas above Salt Springs and Bear River Reservoir.
10/ Excluding pond area.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG ANN INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN ACRE-FT	AVG ANN SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
				SAN JOAQUIN AND KEEN RIVER BASINS AND ADJACENT COASTAL DRAINAGE (Continued)									
71-31a	Teakettle Reservoir #1--	Teakettle Creek--------	Fresno, Calif.----	.77	.77	Fall 1938	--	.39	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Fall 1948	10	.13	--	--	.0271	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1951	3	.002	--	--	.11	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1955	4	0	--	--	.0078	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1956	--	1/.352	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1957	1	--	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1958	1	--	--	--	.0591	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1959	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1960	1	--	--	--	.0158	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1961	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1962	1	--	--	--	.0065	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1963	1	--	--	--	.3228	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1964	1	--	--	--	.0889	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1965	1	--	--	--	.0054	--	
71-32a	Teakettle Reservoir #2a-	-----do----------	-----do----------	.273	.273	Fall 1938	--	.079	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Fall 1941	3	.068	--	--	.0146	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1948	7	.05	--	--	.0084	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1951	3	.03	--	--	.028	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1955	4	.015	--	--	.011	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1956	1	2/.066	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1957	1	--	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1958	1	--	--	--	.0241	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1959	1	--	--	--	.0059	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1960	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1961	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1962	1	--	--	--	.0003	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1963	1	--	--	--	.0462	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1964	1	--	--	--	.0572	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1965	1	--	--	--	0	--	
71-33a	Teakettle Reservoir #2--	-----do----------	-----do----------	.847	.847	Fall 1938	--	.134	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Fall 1948	10	.078	--	--	.0066	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1951	3	.021	--	--	.025	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1955	4	.0022	--	--	.008	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1956	--	2/.101	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1957	1	--	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1958	1	--	--	--	.0166	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1959	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1960	1	--	--	--	.0032	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1961	1	--	--	--	.0032	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1962	1	--	--	--	.0015	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1963	1	--	--	--	.0474	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1964	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1965	1	--	--	--	--	--	
71-34a	Teakettle Reservoir #3--	-----do----------	-----do----------	.856	.856	Fall 1938	--	.131	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Fall 1940	2	.127	--	--	.0026	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1941	1	.109	--	--	.0204	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1948	7	.04	--	--	.0112	--	
	-----do----------	-----do----------	-----do----------	--	--	3/Fall 1951	3	.007	--	--	.016	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1956	--	2/.117	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1957	1	--	--	--	--	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1958	1	--	--	--	.0075	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1959	1	--	--	--	.0042	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1960	1	--	--	--	.0003	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1961	1	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1962	1	--	--	--	.0049	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1963	1	--	--	--	.1457	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1964	1	--	--	--	.0619	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1965	1	--	--	--	.0338	--	
71-35	Teakettle No. 7--------	-----do----------	-----do----------	.091*	.091	Fall 1956	(1938-56)	.222	.159	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Fall 1957	19	.181	.129	--	.029	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1958	1	.178	.127	--	4/-.013	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1959	1	.182	.13	--	4/-.037	--	
	-----do----------	-----do----------	-----do----------	--	--	Fall 1960	1	.178	.127	--	.069	--	
71-36	Pine Flat----------	Kings River----------	Sanger, Calif.----	1,542	1,542	May 1952	--	1,013,400	.612	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Feb. 1954	5/1.8	1,013,290	.612	*62	.04	54	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1956	6/3	1,011,950	.611	*62	.29	392	

71-37	Salinas Boys Ranch------	Trib. Natividad Creek--	Salinas, Calif.---	.13	.13	7/Oct.	1953	--	7/9.65	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Sept	1964	11	9.34	--	*65	.23	326	
71-38	Roy Alexander----------	-----do------	-----do------	.205	.203	8/--	1951	--	8/8.4	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Sept	1964	13	8.15	--	*65	.1	142	
71-39	Gibralter----------	Santa Ynez----------	Santa Barbara, CA-	216	9/202.2	Oct.	1919	--	15,296	.42	--	--	--	GS
	-----do------	-----do------	-----do------	--	--	Aug.	1923	3.83	13,674	.38	--	1.96	--	
	-----do------	-----do------	-----do------	--	--	Aug.	1944	21	7,720	.21	--	9/1.47	--	
	-----do------	-----do------	-----do------	--	--	Feb.	1956	11.42	14,777	.41	--	.43	--	
	-----do------	-----do------	-----do------	--	--	Aug.	1969	13.5	9,654	.27	--	1.88	--	
71-40	Santa Felicia----------	Piru Creek----------	Piru, Calif.------	425	425	Oct.	1955	--	101,200	--	--	--	--	GS
	-----do------	-----do------	-----do------	--	--	Oct.	1965	10	98,730	--	52	.58	658	
71-41	Success Lake----------	Tule River----------	Porterville, Calif.	393	393	Sept	1960	--	*86,160	.681	--	--	--	CE
	-----do------	-----do------	-----do------	--	--	Nov.	1965	5.2	86,160	.681	--	*0	*0	
	-----do------	-----do------	-----do------	--	--	Nov.	1967	2	83,610	.66	*62	3.244	4,383	
	-----do------	-----do------	-----do------	--	--	Dec.	1968	1.1	83,680	.661	*62	-.163	-219	
71-42	Isabella Reservoir------	Kern River----------	Isabella, Calif.--	2,074	2,074	June	1953	--	539,665	.81	--	--	--	CE
	-----do------	-----do------	-----do------	--	--	Sept	1956	3.3	539,115	.81	*62	.074	100	
	-----do------	-----do------	-----do------	--	--	Dec.	1968	12.2	534,465	.803	*62	.186	252	
71-43	L. Kaweah (Terminus Dam)	Kaweah River----------	Lemon Cove, Calif.	560	560	Nov.	1961	--	149,599	.389	--	--	--	CE
	-----do------	-----do------	-----do------	--	--	Nov.	1967	6	147,099	.382	*62	.745	1,006	
71-44	Cachuma----------	Santa Ynez River-------	Santa Ynez, Calif.	417	196	Jan.	1953	--	204,874	--	--	--	--	BR
	-----do------	-----do------	-----do------	--	--	Aug.	1969	16.58	10/92,574	--	--	10/3.79	--	
71-45	Loch Lomond (Newell Cr. Dam)	Newell Creek----------	Zayante, Calif.---	5.1	4.8	--	1960	--	8,600	--	--	--	--	GS
	-----do------	-----do------	-----do------	--	--	Sept	1971	10	8,554	--	56.5	.96	1,180	
71-46	Williams Reservoir------	Los Gatos Creek-------	-----, Calif.-----	5.25	5.24	--	1913	--	197	--	--	--	--	GS
	-----do------	-----do------	-----do------	--	--	Mar.	1971	58	108	--	65	.16	227	
			SACRAMENTO, EEL AND RUSSIAN RIVER BASINS											
72-1a	Ridgewood (Walker)------	Walker Creek----------	Willits, Calif.---	5.7	5.6	--	1930	--	313	.1	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	June	1966	36	216	.07	77.5	.48	1,063	
72-2a	Morris----------	Davis Creek----------	-----do------	5.1	5.03	--	1924	--	*320	.12	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	--	1927	3	*775	.29	--	--	--	
	-----do------	-----do------	-----do------	--	--	May	1960	36	660	.24	*50	.63	686	
	-----do------	-----do------	-----do------	--	--	May	1966	6	643	.24	50.3	.56	642	
72-3	Big Canyon----------	Big Canyon Creek-------	French Town, Calif.	5.5	5.48	Nov.	1934	--	200	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Oct.	1945	11	196	--	44.7	.069	67	
72-4	Blodgett----------	Trib. Cosumnes River---	Sacramento, Calif.	3.12	3.05	Mar.	1940	--	258	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Oct.	1945	5.6	254	--	46	.217	217	
72-5	Bullards Bar----------	North Yuba River-------	Camptonville, CA--	480	479	Oct.	1919	--	31,500	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Jan.	1939	19.2	28,893	--	*70	.284	433	
72-6	Combie (Van Geisen)-----	Bear River----------	Auburn, Calif.----	130	129	June	1928	--	8,545	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Oct.	1935	7.3	7,840	--	*70	.749	1,140	
72-7b	East Park----------	Little Stony Creek-----	Stonyford, Calif.-	11/101.5	98.9	Dec.	1910	--	12/50,900	--	--	--	--	GC
	-----do------	-----do------	-----do------	--	--	Nov.	1962	52	48,940	.8	55	13/.37	13/443	
72-8	Faulke Lake (False Lake)	N. Fk. Jenney Creek----	Shasta, Calif.----	.71	.68	--	1851	--	130	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Dec.	1945	94	120	--	54	.147	173	
72-9	Gerber----------	Trib. of Burch Creek---	Corning, Calif.---	.31	.28	June	1917	--	190	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Dec.	1945	28.5	182	--	78.3	.971	1,656	
72-10	Magalia----------	Little Butte Creek-----	Chico, Calif.-----	14/8.23	8.08	Jan.	1918	--	3,718	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Jan.	1946	28	3,648	--	48.8	.307	326	
72-11b	Stony Gorge----------	Stony Creek----------	Elk Creek, Calif.-	15/199	197	Nov.	1928	--	16/50,000	--	--	--	--	GS
	-----do------	-----do------	-----do------	--	--	Nov.	1962	34.1	48,160	.29	54	13/.27	13/319	
72-12	Misselbeck----------	N. Fk. Cottonwood Cr.--	Redding, Calif.---	12	11.8	May	1920	--	4,300	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Dec.	1945	25.5	4,086	--	*75	.711	1,161	
72-13	L. Pillsbury (Scott Dam)	Eel River----------	Potter Vally, CA--	288	284	Dec.	1921	--	94,396	.248	--	--	--	GS
	-----do------	-----do------	-----do------	--	--	May	1959	37.5	86,785	.228	73	.71	1,129	
72-14	Catacoula (Bar 49)------	Maxewell Creek---------	St. Helena, Calif.	.71	.69	--	1953	--	183	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Nov.	1958	5	181.4	--	--	.46	--	
72-15	Milliken----------	Milliken Creek---------	Napa, Calif.------	10.5	10.4	--	1924	--	2,000	--	--	--	--	SCS
	-----do------	-----do------	-----do------	--	--	Oct.	1958	34	1,988	--	--	.04	--	
72-16a	Onion Creek No. 1-------	Onion Cr, Trib. Amer. R	Soda Springs, CA--	.19	.19	--	1957	--	.114	.039	--	--	--	FS
	-----do------	-----do------	-----do------	--	--	--	1958	1	.096	.033	--	.074	--	
	-----do------	-----do------	-----do------	--	--	--	1959	1	.097	.033	--	.071	--	
	-----do------	-----do------	-----do------	--	--	--	1960	1	.093	.032	--	.024	--	

1/ Overtopped by sediment, no measurements taken in 1956; sediment removed down to original reservoir bottom.
2/ Sediment removed in summer 1956 - no measurements taken.
3/ Last data for which significant data are available; reservoir inoperative until 1956 when sediment was removed.
4/ Loss of sediment not applicable to watershed as a whole.
5/ Period of abnormal operation. Represents 0.3 year of sediment accumulation behind partially closed gates and 1.5 years of sediment depletion with wide open gates. Sediment value is residue at end of period.
6/ Represents sedimentation for 3 full runoff years because no significant inflow occurred from Oct. 1, 1953, to Feb. 13, 1954, or from Oct. 1, 1956, to Nov. 15, 1956.
7/ Original capacity determined from 1965 survey.
8/ Original capacity determined from 1964 survey.
9/ Effective drainage area prior to 1931 was 216 sq. mi. There after 202.2 sq. mi.
10/ Data at elevation 748 (limit of 8-7-69 survey). Spillway crest elevation 750 ft.
11/ Natural drainage area. Flow diverted into the reservoir from Stony Gorge drainage basin after 1914.
12/ Spillway elevation (flashboard crest elevation 50,900); USGS Water-Supply Paper 1798-F.
13/ Based on the natural drainage area.
14/ Excluding 3 sq. mi. above P. G. & E. Canal.
15/ The natural drainage area less area above East Park Reservoir. Flow diverted from the basin to East Park Reservoir after 1914.
16/ U. S. Bureau of Reclamation capacity curve (3-31-45); USGS Water-Supply Papers 1635 Part II., 1798-F.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			SACRAMENTO, EEL AND RUSSIAN RIVER BASINS (Continued)										
72-17	Onion Creek No. 2-------	Onion Cr, Trib. Amer. R	Soda Springs, CA--	.48	.48	-- 1957	--	.132	.042	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	-- 1958	1	.083	.026	--	.1226	--	
	-----do----------	-----do----------	-----do----------	--	--	-- 1959	1	.081	.026	--	.0004	--	
	-----do----------	-----do----------	-----do----------	--	--	-- 1960	1	.069	.022	--	.0206	--	
72-18	Onion Creek No. 3-------	-----do----------	-----do----------	.65	.65	-- 1958	--	.191	.062	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	-- 1959	1	.205	.067	--	1/.0	--	
	-----do----------	-----do----------	-----do----------	--	--	-- 1960	1	.186	.061	--	.0273	--	
72-19a	Onion Creek No. 5-------	-----do----------	-----do----------	.39	.39	-- 1957	--	.177	.058	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	-- 1958	1	.112	.037	--	.1248	--	
	-----do----------	-----do----------	-----do----------	--	--	-- 1959	1	.101	.033	--	.0256	--	
	-----do----------	-----do----------	-----do----------	--	--	-- 1960	1	.046	.015	--	.175	--	
72-20a	Onion Creek No. 7-------	-----do----------	-----do----------	.8	.8	-- 1958	--	.0754	.025	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	-- 1959	1	.0723	.024	--	.0069	--	
	-----do----------	-----do----------	-----do----------	--	--	-- 1960	1	.0605	.02	--	.001	--	
72-21	Leo Trentadue----------	Trib. of Dry Creek-----	Geyserville, CA---	.038	.037	2/Aug. 1961	--	2/10.3	*.221	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	4	9.86	*.211	*66	2.97	4,269	
72-22	Hazel Hill----------	-----do----------	-----do----------	.175	.173	2/Oct. 1960	--	2/21.5	*.099	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	5	21.04	*.097	*65	.52	736	
72-23	Babe Wood----------	-----do----------	Cloverdale, Calif.	1.69	1.68	2/Oct. 1958	--	2/54.85	*.027	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1965	7	46.76	*.023	*78.9	.69	1,186	
72-24	Nielson----------	Trib. Santa Rosa Creek-	Santa Rosa, Calif.	.187	.184	3/Nov. 1960	--	3/17.36	.092	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1964	4	16.62	.088	*65	.96	1,359	
72-25	Leo Frediani----------	Seven Oaks Creek-------	Healdsburg, Calif.	.594	.592	4/Oct. 1960	--	4/6.78	*.01	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1965	5	4.61	*.007	5/87	.73	1,383	
72-26a	Casper Creek - South Fk.	Casper Creek----------	Casper, Calif.-----	1.63	1.63	Fall 1962	--	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1963	.8	--	--	--	.054	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1964	1	--	--	--	.028	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1965	1	--	--	--	.139	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1966	1	--	--	--	.119	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1967	1	--	--	--	.068	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1968	1	--	--	--	.083	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1969	1	--	--	--	.143	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1970	1	--	--	--	.091	--	
72-27a	Casper Creek - North Fk.	-----do----------	Fort Bragg, Calif.	1.92	1.92	Fall 1962	--	--	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1963	.78	--	--	--	.039	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1964	1	--	--	--	.043	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1965	1	--	--	--	.425	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1966	1	--	--	--	.491	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1967	1	--	--	--	.037	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1968	1	--	--	--	.033	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1969	1	--	--	--	.242	--	
	-----do----------	-----do----------	-----do----------	--	--	Sum. 1970	1	--	--	--	.141	--	
72-28	McGuire----------	Virgin Creek----------	-----do----------	.084	.083	6/July 1954	--	7.3	.11	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1967	13	7.07	.11	*60	.21	274	
72-29	Lazy Creek----------	Lazy Creek----------	Philo, Calif.-----	.666	.663	6/Aug. 1955	--	26.94	.038	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1967	12	19.5	.027	67	.94	1,372	
72-30	Appleton----------	Unnamed----------	Healdsburg, Calif.	.166	.161	6/Aug. 1950	--	25.18	.189	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1967	17	24.24	.182	59	.37	475	
72-31	M. S. Wilson----------	Bourns Gulch----------	Gualala, Calif.---	.285	.283	6/July 1952	--	14.06	*.04	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July 1967	15	13.02	*.037	*60	.24	314	
72-32	Black Butte----------	Stony Creek----------	Orland, Calif.----	741	433	July 1963	--	160,009	--	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	May 1966	3	157,279	--	*62	2.1	2,836	
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1973	7	147,754	--	*62	3.14	4,244	
72-33	Highland Creek Dam------	Highland Creek---------	Kelseyville, Calif.	13.6	13.4	Dec. 1965	--	3,234.7	.223	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr. 1972	6.3	3,198.9	.221	*70	.42	640	
72-34	Matanzas----------	Matanzas----------	Santa Rosa, Calif.	11.6	11.5	June 1964	--	1,500	.121	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Mar. 1972	9	1,411	.114	90	.86	1,686	
			KLAMATH, ROGUE, AND UMPQUA RIVER BASINS										
73-1	Emigrant Gap----------	Emigrant Creek---------	Ashland, Oreg.-----	61.6	61.2	Oct. 1924	--	7/8,300	--	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	27	7,500	--	--	.214	--	
73-2	Coyote Creek #1---------	Trib. South Umpqua R.--	Tiller, Oreg.-----	.267	.267	June 1965	--	8/.019	.0001	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1966	1.12	--	--	--	.0052	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1967	1.01	--	--	--	.0005	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1968	1	--	--	--	.0016	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1969	.94	--	--	--	.0002	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1970	.98	--	--	--	.0019	--	

73-3	Coyote Creek #2	do	do	.264	.264	June 1965	--	8/.012	.00004	--	--	--	FS
	do	do	do	--	--	Aug. 1966	1.11	--	--	--	.0031	--	
	do	do	do	--	--	Aug. 1967	1.01	--	--	--	.0003	--	
	do	do	do	--	--	Aug. 1968	1	--	--	--	.0004	--	
	do	do	do	--	--	July 1969	.94	--	--	--	.0002	--	
	do	do	do	--	--	July 1970	.98	--	--	--	.0004	--	
73-4	Coyote Creek #3	do	do	.192	.192	June 1965	--	8/.011	.0001	--	--	--	FS
	do	do	do	--	--	Aug. 1966	1.11	--	--	--	.0147	--	
	do	do	do	--	--	Aug. 1967	1.01	--	--	--	.002	--	
	do	do	do	--	--	Aug. 1968	1	--	--	--	.0023	--	
	do	do	do	--	--	July 1969	.94	--	--	--	.001	--	
	do	do	do	--	--	July 1970	.98	--	--	--	.0057	--	
73-5	Coyote Creek #4	do	do	.188	.188	June 1965	--	8/--	--	--	--	--	FS
	do	do	do	--	--	Aug. 1966	1.11	--	--	--	.0094	--	
	do	do	do	--	--	Aug. 1967	1.01	--	--	--	.0009	--	
	do	do	do	--	--	Aug. 1968	1	--	--	--	.0027	--	
	do	do	do	--	--	July 1969	.94	--	--	--	.001	--	
	do	do	do	--	--	July 1970	.98	--	--	--	.0049	--	

LOWER COLUMBIA RIVER BASIN AND PACIFIC COAST BASINS IN NORTHERN OREGON

74-1	Condit (White Salmon)	White Salmon River	Underwood, Wash.	337	337	-- 1913	--	9/1,081	--	--	--	--	SCS
	do	do	do	--	--	May 1936	23	1,054	--	--	.004	--	
74-2	Lake Harriet (Oak Grove)	Trib. Clackamas River	Portland, Oreg.	126	126	Aug. 1924	--	256	.001	--	--	--	SCS
	do	do	do	--	--	Aug. 1948	24	252	.001	--	.0013	--	
74-3	McKay	McKay Creek	Pendleton, Oreg.	186	184	Oct. 1926	--	73,737	--	--	--	--	SCS
	do	do	do	--	--	July 1946	19.75	73,474	--	*40	.07	61	
74-4	Cottage Grove	Coast Fk. Willamette R.	Cottage Grove, OR	104	102	Oct. 1942	--	33,000	*.165	--	--	--	CE
	do	do	do	--	--	Dec. 1947	5.1	32,873	*.164	--	.244	--	
74-5a	Luther Claypool Pond	Trib. of Beaver Creek	Post, Oreg.	1.09	1.09	-- 1946	--	3.79	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	5	3.59	--	*70	.037	56	
74-6	Paul Jaegar No. 1 Pond	Trib. John Day River	Condon, Oreg.	.625	.624	-- 1943	--	1.82	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	8	1.4	--	*70	.085	130	
74-7	Paul Jaegar No. 2 Pond	Trib. of Rock Creek	do	.468	.467	-- 1946	--	3.19	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	5	2.51	--	*70	.299	456	
74-8a	Paul Jaegar No. 3 Pond	Trib. John Day River	do	.25	.249	-- 1944	--	3.04	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	7	2.81	--	*70	.12	183	
74-9	J. M. Wilson Pond	Trib. Deschutes River	Moro, Oreg.	1.5	1.5	-- 1946	--	1.08	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	5	.97	--	*70	.01	15	
74-10	Willard Barnet Pond	Buck Creek	Kent, Oreg.	.21	.209	-- 1941	--	2.91	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	10	2.41	--	*70	.24	366	
74-11	Arthur Schmidt Pond	Trib. of Buck Creek	Shaniko, Oreg.	.115	.114	-- 1940	--	2	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	11	1.97	--	*70	.03	46	
74-12	Rock Cr. Improvement Co.	Trib. of White River	Tygh Valley, Oreg.	5.62	5.6	-- 1938	--	250	--	--	--	--	SCS
	do	do	do	--	--	10/Oct. 1951	13	247	--	*70	.045	69	
74-13	Vernon Christ Pond	Five Mile Creek	Dufur, Oreg.	.089	.088	-- 1941	--	1.61	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	10	1.39	--	*70	.227	346	
74-14	Milt J. Martin Pond	Mill Creek	The Dalles, Oreg.	.07	.069	-- 1944	--	2.72	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	7	2.58	--	*70	.29	442	
74-15	Hunt Livestock Co. Pond	Trib. of Buck Creek	Shaniko, Oreg.	.05	.05	-- 1942	--	2.25	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	9	2.15	--	*70	.2	305	
74-16	Cold Springs	Cold Springs Canyon	Cold Springs, Oreg.	188	186	Feb. 1908	--	49,709	--	--	--	--	SCS
	do	do	do	--	--	May 1951	43	44,668	--	78	.63	1,070	
74-17	Dorena	Row River	Cottage Grove, OR	265	262	Oct. 1949	--	77,500	.143	--	--	--	CE
	do	do	do	--	--	Sept 1958	8.9	77,150	.142	--	.15	--	
74-18	H. J. Andrews #1	Trib. Blue River	Blue River, Oreg.	.37	.37	Aug. 1965	--	8/.12	.0001	--	--	--	FS
	do	do	do	--	--	Aug. 1966	1.05	--	--	--	.011	--	
	do	do	do	--	--	July 1967	.92	--	--	--	.214	--	
	do	do	do	--	--	Aug. 1968	.99	--	--	--	.243	--	
	do	do	do	--	--	Aug. 1969	.84	--	--	--	.332	--	
	do	do	do	--	--	Aug. 1970	.96	--	--	--	.095	--	
74-19	H. J. Andrews #2	do	do	.233	.233	Aug. 1965	--	8/.056	.0001	--	--	--	FS
	do	do	do	--	--	Aug. 1966	.98	--	--	--	.0311	--	
	do	do	do	--	--	July 1967	.92	--	--	--	0	--	
	do	do	do	--	--	Aug. 1968	.99	--	--	--	.0013	--	
	do	do	do	--	--	Aug. 1969	1	--	--	--	.0157	--	
	do	do	do	--	--	Aug. 1970	1	--	--	--	.0155	--	
74-20	H. J. Andrews #3	do	do	.391	.391	Dec. 1965	--	8/.061	.00005	--	--	--	FS
	do	do	do	--	--	Apr. 1966	.31	--	--	--	--	--	
	do	do	do	--	--	Aug. 1967	.97	--	--	--	.054	--	
	do	do	do	--	--	Aug. 1968	1	--	--	--	.041	--	
	do	do	do	--	--	Aug. 1969	1	--	--	--	.1	--	
	do	do	do	--	--	Aug. 1970	.96	--	--	--	.076	--	

1/ Net sediment loss - treated as 0 gain.
2/ Original capacity determined by 1965 survey.
3/ Original capacity determined from 1964 survey. Capacity shown is for an elevation 4 ft. below spillway crest.
4/ Original capacity obtained during 1965 survey. Total capacity with flashboards = 9.21 ac. ft.
5/ From one disturbed and two undisturbed samples.
6/ Original capacity determined from 1967 survey.
7/ Based on original topographic survey; believed to be unreliable.
8/ Sediment measured and removed periodically.
9/ Dam was raised 5 feet in 1927.
10/ Built in 1941. Reservoir was thoroughly cleaned in 1945.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC.-FT.	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
COLUMBIA RIVER BASIN (GRAND COULEE TO UMATILLA) AND PACIFIC COAST DRAINAGE IN WASHINGTON Yakima, Chelan, and Okanogan River Basins													
75-1	Diablo	Skagit River	Bellingham, Wash.	1,100	1,100	-- 1930	--	89,220	--	--	--	--	SCS
	do	do	do	--	--	July 1936	6	88,862	--	--	.054	--	
75-2	High Valley Ranch #1 Pd.	Wenas Creek	Yakima, Wash.	4.11	4.1	-- 1939	--	8.61	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	12	7.63	--	*70	.02	30	
75-3	High Valley Ranch #2 Pd.	do	Ellensburg, Wash.	.184	.184	-- 1940	--	.58	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	11	.51	--	*70	.04	61	
75-4	High Valley Ranch #3 Pd.	do	do	.312	.312	-- 1940	--	1.53	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	11	1.42	--	*70	.03	46	
75-5	Henry Clerf Pond	Rye Grass Creek	do	6.47	6.47	-- 1946	--	2.38	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	5	2.02	--	*70	.01	15	
75-6	Coffin Sheep Co. Pond	Naches River	Yakima, Wash.	.482	.48	-- 1939	--	2.63	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1951	12	2.47	--	*70	.027	41	
75-7	Fox Creek	Fox	Ardenvoir, Wash.	1.82	1.82	Sum. 1965	--	1/--	--	--	--	--	FS
	do	do	do	--	--	Sum. 1966	1	--	--	110	.0076	18	
	do	do	do	--	--	Sum. 1967	1	--	--	--	.0076	18	
	do	do	do	--	--	Sum. 1968	1	--	--	--	.0022	5	
	do	do	do	--	--	Sum. 1969	1	--	--	--	.0076	18	
	do	do	do	--	--	Sum. 1970	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1971	1	--	--	--	.0577	136	
75-8	Burns	Burns	do	2.18	2.18	Sum. 1965	--	1/--	--	--	--	--	FS
	do	do	do	--	--	Sum. 1966	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1967	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1968	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1969	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1970	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1971	1	--	--	110	.0366	88	
75-9	McCree	McCree	do	1.985	1.985	Sum. 1965	--	1/--	--	--	--	--	FS
	do	do	do	--	--	Sum. 1966	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1967	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1968	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1969	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1970	1	--	--	--	0	0	
	do	do	do	--	--	Sum. 1971	1	--	--	110	.0165	40	
75-10	Crabtree	Trib. White	Auburn, Wash.	.475	.11	May 1967	--	6.92	.01	--	--	--	SCS
	do	do	do	--	--	June 1970	3	6.38	.009	*60	1.65	2,156	
75-11	Llewellyn	Trib. Goose	Wilbur, Wash.	1.25	1.25	July 1957	--	17.52	.26	--	--	--	SCS
	do	do	do	--	--	July 1967	10	8.42	.13	*80	.73	1,272	
75-12	Schwisow	No name	Ritzville, Wash.	4.15	4.15	May 1959	--	3.54	.04	--	--	--	SCS
	do	do	do	--	--	May 1969	10	0	--	*80	.09	157	
75-13	Rex Lyle	do	do	.71	.71	June 1959	--	2.75	.2	--	--	--	SCS
	do	do	do	--	--	May 1969	10	1.66	.12	*80	.155	270	
75-14	Schoesler	do	do	.31	.31	June 1951	--	2.24	.37	--	--	--	SCS
	do	do	do	--	--	May 1969	18	0	--	*80	.4	697	
75-15	John Landa (FU 90, BLK. 81)	do	Moses Lake, Wash.	.092	.092	Jan. 1970	--	2/--	--	--	--	--	SCS
	do	do	do	--	--	Sept 1970	1	--	--	*60	.8	1,045	
75-16	Shaffer	do	do	.356	.356	June 1958	--	2/--	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1970	12	--	--	*60	.28	366	
75-17	Sun Spiced No. 1	do	do	.17	.17	-- 1969	--	2/--	--	--	--	--	SCS
	do	do	do	--	--	Sept 1970	1	--	--	*60	.73	954	
75-18	Sun Spiced No. 2	do	do	.8	.8	June 1969	--	2/--	--	--	--	--	SCS
	do	do	do	--	--	Sept 1970	1	--	--	*60	.52	680	
75-19	Sheffels	do	Wilbur, Wash.	4.77	4.77	Apr. 1963	--	5.1	.02	--	--	--	SCS
	do	do	do	--	--	May 1969	6	.85	.003	*70	.15	229	
75-20	Telecky	Trib. Crab	Edwall, Wash.	2.26	2.26	Apr. 1957	--	13.43	.09	--	--	--	SCS
	do	do	do	--	--	June 1964	7	0	--	*80	.85	1,480	
75-21	Terwilliger (FU 273, BLK. 1)	No Name	Warden, Wash.	.05	.05	Apr. 1968	--	2/--	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1968	1	--	--	*60	1.4	1,829	
	do	do	do	--	--	Dec. 1969	1	--	--	*60	8.6	11,238	
75-22	Roby	Goose Creek	Davenport, Wash.	4.1	3.85	-- 1938	--	22.91	.1	--	--	--	SCS
	do	do	do	--	--	Apr. 1969	30	2.56	.01	*70	.175	266	
75-23	District No. 2 Desilting Pond	Drain	Grandview, Wash.	.62	.62	-- 1969	--	1.45	.09	--	--	--	SCS
	do	do	do	--	--	Aug. 1973	5	.98	.06	*60	.15	198	

COLUMBIA RIVER BASIN (INTERNATIONAL BOUNDARY TO GRAND COULEE) AND PACIFIC COAST DRAINAGE IN WASHINGTON
Pendorielle, Spokane, Walla Walla, and Lower Snake River Basins

76-1	Mrs. Weiss No. 1 Pond---	Asotin Creek----------	Asotin, Wash.-----	.129	.128	--	1945	--	1.45	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	6	1.23	--	*70	.31	473	
76-2	Mrs. Weiss No. 2 Pond---	Trib. of Asotin Creek--	-----do----------	.218	.217	--	1945	--	2.54	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	6	2.14	--	*70	.31	473	
76-3a	Lester Reeves #1 Pond---	Asotin Creek N. & S. Fk.	-----do----------	.101	.1	--	1941	--	1.45	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	10	1.18	--	*70	.27	4,116	
76-4	Lester Reeves #2 Pond---	Asotin Creek----------	-----do----------	.125	.125 3/	--	1945	--	1.21	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	6	.69	--	*70	.7	1,067	
76-5	Dan Holt Pond----------	Latah Creek----------	Waverly, Wash.----	.11	.109	--	1944	--	2.2	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1951	7	2.11	--	*70	.12	183	
76-6	Roy T. Wood Pond--------	Trib. Clearwater River-	Lewiston, Idaho---	.014	.013	--	1946	--	4.22	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	5	3.87	--	*70	5.38	8,202	
76-7	Ed Knowlton Pond--------	Clearwater River-------	Orofino, Idaho----	.021	.02	--	1946	--	2.54	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	5	2.12	--	*70	4.2	6,403	
76-8	Weldon Wassem Pond-----	-----do----------	Nez Pierce, Idaho-	.015	.014	--	1945	--	4.58	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	6	4.4	--	*70	2.14	3,263	
76-9	Henry Kortemeier Pond---	Palouse River----------	Potlatch, Idaho---	.021	.02	--	1943	--	2.71	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	8	2.52	--	*70	1.2	1,830	
76-10	George Hoidal Pond------	-----do----------	Harvard, Idaho----	.043	.042	--	1941	--	2.49	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	10	2.41	--	*70	.19	290	
76-11a	Johanna Nelson Pond-----	-----do----------	Deary, Idaho-------	.014	.012	--	1943	--	5.16	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	8	4.97	--	*70	2	3,050	
76-12	Ed Galloway Pond--------	-----do----------	-----do----------	.014	.014	--	1944	--	1.29	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	7	1.23	--	*70	.64	976	
76-13	A. K. Tweedy Pond-------	Clearwater River-------	Nez Pierce, Idaho-	.014	.014	--	1931	--	.8	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1951	20	.62	--	*70	.64	976	
76-14	Walla Walla River Arm--- McNary Reservoir	Walla Walla River------	Wallula, Wash.----	1,760	1,760	Apr.	1953	--	9,688	.023	--	--	--	CE
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1956	3.61	7,237	.017	*75	.405	662	
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1958	2	5,507	.013	--	.484	791	
	-----do----------	-----do----------	-----do----------	--	--	Nov.	1960	2	4,656	.011	--	.255	417	
	-----do----------	-----do----------	-----do----------	--	--	Sept	1961	.83	3,569	.008	--	.744	1,215	
	-----do----------	-----do----------	-----do----------	--	--	Sept	1962	1	3,458	.008	--	.073	119	
	-----do----------	-----do----------	-----do----------	--	--	Sept	1963	1	2,918	.007	*75	.307	501	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1964	1.08	2,874	.007	--	.023	38	
	-----do----------	-----do----------	-----do----------	--	--	July	1965	.75	1,912	.004	--	4/1.027	4/1,678	
76-15	Main Fork Horse Creek---	Horse Creek----------	Elk City, Idaho---	6.51	6.51	Oct.	1965	--	1/.087	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1966	1	--	--	*90	.0024	5	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1967	1	--	--	*90	.0064	13	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1968	1	--	--	*90	.0024	5	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1969	1	--	--	*90	.0043	8	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1970	1	--	--	*90	.0048	9	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1971	1	--	--	*90	.0134	26	
76-16	East Fork Horse Creek---	East Fork Horse Creek--	-----do----------	5.56	5.56	Oct.	1965	--	1/.039	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1966	1	--	--	*90	.0022	4	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1967	1	--	--	*90	.0056	11	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1968	1	--	--	*90	.0016	4	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1969	1	--	--	*90	.0029	6	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1970	1	--	--	*90	.0045	9	
	-----do----------	-----do----------	-----do----------	--	--	Oct.	1971	1	--	--	*90	.007	14	
76-17	Bauer Reservoir---------	Unnamed----------	Ritzville, Wash.--	1.17	1.17	--	1948	--	2.39	.08	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	--	1956	8	0	--	75	.26	425	
76-18	Dechenne----------	-----do----------	St. John, Wash.---	1.14	1.14	Sept	1972	--	2	.016	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Apr.	1973	1	1.28	.011	70	.63	960	
76-19	Koch----------	Trib. Rock----------	Fairfield, Wash.--	.187	.185	Oct.	1966	--	3.88	.08	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1971	5	3.55	.07	60	.36	467	
	-----do----------	-----do----------	-----do----------	--	--	July	1973	2	3.36	.07	60	.51	672	
76-20	Lower Willow Creek------	Lower Willow Creek-----	Hall, Mont.--------	73.3	73.03	Sept	1962	--	4,929	.25	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1973	11.5	4,910.29	.25	70	.0223	34	
76-21	Nevada Creek----------	Nevada Creek----------	Helmville, Mont.--	145	140	Oct.	1937	--	12,640	1.2	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept	1973	36	12,515	1.18	49.75	.02	22	
76-22	Snyder----------	Unnamed----------	Ritzville, Wash.--	.45	.45	--	1949	--	5.94	.5	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May	1974	25	.25	.2	75	.51	833	
76-23	Sullivan----------	Trib. Rock----------	Fairfield, Wash.--	.547	.541	Oct.	1966	--	7.93	.05	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	July	1971	5	5.93	.04	60	.74	967	
	-----do----------	-----do----------	-----do----------	--	--	July	1973	2	3.02	.02	60	.83	1,084	

COLUMBIA RIVER BASIN IN CANADA

77-

SNAKE RIVER BASIN (FROM KING HILL TO GRANDE RONDE RIVER)

78-1	Orchard----------	Indian Creek----------	Boise, Idaho------	43	42.8	--	1892	--	4,737	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	-- *	June	1947	55	4,668	--	--	.03	--	
78-2a	Black Canyon----------	Payette River----------	Emmett, Idaho-----	2,680	5/1,948	June	1924	--	44,850	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June	1936	12	40,813	--	--	.139	303	
	-----do----------	-----do----------	-----do----------	--	--	June	1971	35	29,822	--	--	.15	327	

1/ Sediment measured and removed periodically.
2/ Desilting structure for return irrigation water.
3/ Built 1941. Reservoir was thoroughly cleaned in 1945.
4/ Includes above crest deposits within original flow lines.

5/ Weighted averages for upstream reservoirs: 1924-36, 12 years, 2,416 sq. mi.; 1936-71, 35 years, 2,089 sq. mi.; 1924-71, 47 years, 2,173 sq. mi.
* Estimated or assumed.

SUMMARY OF RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES) TOTAL	DRAINAGE AREA (SQUARE MILES) NET	DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN INFLOW RATIO (ACRE-FT PER ACRE-FT)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN AC-FT	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN TONS	AGENCY SUPPLYING DATA
			SNAKE RIVER BASIN (FROM KING HILL TO GRANDE RONDE RIVER) (Continued)										
78-3	Pleasant Valley---------	Black's Creek----------	Boise, Idaho------	*16	*16	-- 1905	--	7,897	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	June 1947	42	7,855	--	--	.063	--	
78-4	Arrowrock-Boise Project-	Boise River----------	-----do----------	2,211	2,170	Feb. 1915	--	279,250	.186	--	--	--	BR
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1947	32.6	271,550	.181	73	.109	173	
78-5	Andy Anderson Pond------	Wester River----------	Cambridge, Idaho--	.614	.59	-- 1905	--	104.2	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1951	46	100.67	--	*70	.136	207	
78-6	Milton Branch Pond------	Trib. of Wester River--	-----do----------	.436	.424	-- 1940	--	44.49	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1951	11	43.24	--	*70	.259	395	
78-7	W. B. Winninger Pond----	-----do----------	-----do----------	.543	.538	-- 1943	--	17.58	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1951	8	16.57	--	*70	.24	366	
78-8	Miller Smeed Pond-------	Little Willow Creek----	Payette, Idaho----	.218	.217	-- 1945	--	2.9	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1951	6	2.71	--	*70	.147	224	
78-9	Twin Puddles Pond-------	Trib. of Boise River---	Boise, Idaho------	1.61	1.61	-- 1941	--	7.82	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1951	10	7.52	--	*70	.02	30	
78-10	Lambkin Pond----------	-----do----------	Mountain Home, ID-	.193	.191	-- 1941	--	4.54	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1951	10	4.49	--	*70	.05	76	
78-11	Mud Springs Pond-------	-----do----------	-----do----------	1.07	1.06	-- 1939	--	12.18	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Sept 1951	12	11.81	--	*70	.03	46	
78-12	J. J. Colton Pond-------	Trib. of Powder River--	Keating, Oreg.----	.484	.483	-- 1939	--	1.06	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	Oct. 1951	12	.84	--	*70	.04	61	
78-13	Hawkins Pond No. 1------	Trib. of Clover Creek--	Westfall, Oreg.---	.12	--	-- 1952	--	1.56	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1956	4	1.52	--	--	.079	--	
78-14	Hawkins Pond No. 2------	-----do----------	-----do----------	.27	--	-- 1952	--	6.94	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1956	4	6.76	--	--	.17	--	
78-15	Wheaton----------	Wheaton Creek----------	-----do----------	14	--	-- 1948	--	52.27	--	--	--	--	SCS
	-----do----------	-----do----------	-----do----------	--	--	May 1956	8	31.97	--	--	.18	--	
78-16	K-1 Creek Sediment Dam--	Trib. Silver Creek-----	Cascade, Idaho----	.098	.098	Aug. 1965	--	1/.008	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	June 1966	.8	--	--	--	.0002	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1967	.98	--	--	--	.0007	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1968	1.09	--	--	--	.0047	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1968	.35	--	--	--	.0003	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1969	.6	--	--	--	.0409	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1969	.21	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1970	.84	--	--	--	.0194	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	.21	--	--	--	0	--	
78-17	Control Cr. Sediment Dam	-----do----------	-----do----------	.775	.775	Aug. 1965	--	1/.013	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	June 1966	.79	--	--	--	.0002	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1967	1	--	--	--	.0014	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1968	1.07	--	--	--	.0006	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1968	.36	--	--	--	.0011	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1969	.62	--	--	--	.0079	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1969	.17	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1970	.83	--	--	--	.0028	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	.21	--	--	--	0	--	
78-18	Cabin Creek Sediment Dam	-----do----------	-----do----------	.4	.4	July 1965	--	1/.046	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	June 1966	.87	--	--	--	.0002	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1967	.99	--	--	--	.0008	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1968	1.07	--	--	--	.0028	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1968	.37	--	--	--	.0081	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1969	.6	--	--	--	.0416	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1969	.19	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1970	.82	--	--	--	.0162	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	.21	--	--	--	0	--	
78-19	Ditch Creek Sediment Dam	-----do----------	-----do----------	.41	.41	Sept 1965	--	1/.023	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	June 1966	.75	--	--	--	.0006	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1967	1	--	--	--	.0107	--	
	-----do----------	-----do----------	-----do----------	--	--	July 1968	1.07	--	--	--	.0039	--	
	-----do----------	-----do----------	-----do----------	--	--	Nov. 1968	.36	--	--	--	.002	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1969	.56	--	--	--	.067	--	
	-----do----------	-----do----------	-----do----------	--	--	Aug. 1969	.23	--	--	--	0	--	
	-----do----------	-----do----------	-----do----------	--	--	June 1970	.82	--	--	--	.0214	--	
	-----do----------	-----do----------	-----do----------	--	--	Sept 1970	.21	--	--	--	0	--	
78-20	"C" Creek Sediment Dam--	-----do----------	-----do----------	.75	.75	Aug. 1965	--	1/.0207	--	--	--	--	FS
	-----do----------	-----do----------	-----do----------	--	--	June 1966	.8	--	--	--	.0103	--	

	-----do-----	-----do-----	-----do-----	--	--	June 1967	.98	--	--	--	.007	--		
	-----do-----	-----do-----	-----do-----	--	--	July 1968	1.08	--	--	--	.00011	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	.3	--	--	--	.0177	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1969	.6	--	--	--	.04	--		
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1969	.24	--	--	--	0	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1970	.82	--	--	--	.0276	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	.21	--	--	--	0	--		
78-21	"D" Creek Sediment Dam--	-----do-----	-----do-----	.47	.47	July 1965	--	1/.017	--	--	--	--	FS	
	-----do-----	-----do-----	-----do-----	--	--	June 1966	.85	--	--	--	.0017	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1967	.99	--	--	--	.0187	--		
	-----do-----	-----do-----	-----do-----	--	--	July 1968	1.09	--	--	--	.002	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	.35	--	--	--	.0036	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1969	.57	--	--	--	.0194	--		
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1969	.22	--	--	--	0	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1970	.82	--	--	--	.0015	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	.21	--	--	--	0	--		
78-22	Eggers Cr. Sediment Dam-	-----do-----	-----do-----	.5	.5	Aug. 1965	--	1/.013	--	--	--	--	FS	
	-----do-----	-----do-----	-----do-----	--	--	June 1966	.81	--	--	--	.0012	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1967	1.01	--	--	--	.0054	--		
	-----do-----	-----do-----	-----do-----	--	--	July 1968	1.08	--	--	--	.0013	--		
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	.35	--	--	--	.0012	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1969	.58	--	--	--	2/0	--		
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1969	.21	--	--	--	0	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1970	.82	--	--	--	.013	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	.21	--	--	--	0	--		
			SNAKE RIVER BASIN (ABOVE KINGS HILL) AND SALMON RIVER BASIN											
79-1	Rattlesnake Butte Pond--	Big Wood River---------	Gooding, Idaho----	4.81	4.8	-- 1943	--	25.56	--	--	--	--	SCS	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1951	8	23.89	--	*70	.04	61		
79-2	Salmon Falls----------	Salmon Falls Creek-----	Rogerson, Idaho---	1,560	1,555	-- 1910	--	229,650	--	--	--	--	SCS	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1955	45	227,282	--	*50	.034	37		
79-3	Pioneer----------	Clover Creek----------	Glenns Ferry, ID--	183	183	-- 1904	--	1,264	--	--	--	--	SCS	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1954	50±	898	--	--	.04	--		
79-4	Tailholt "A" Cr. Sediment Dam	Trib. S. Fork Salmon---	Yellow Pine, Idaho	.845	.84	Aug. 1967	--	1/.0164	--	--	--	--	FS	
	-----do-----	-----do-----	-----do-----	--	--	May 1968	.74	--	--	--	.001	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	.34	--	--	--	.0002	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1969	.63	--	--	--	.0199	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	.34	--	--	--	.0017	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1970	.72	--	--	--	.017	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	.23	--	--	--	0	--		
79-5	Tailholt "B" Cr. Sediment Dam	-----do-----	-----do-----	.61	.61	Aug. 1967	--	1/.012	--	--	--	--	FS	
	-----do-----	-----do-----	-----do-----	--	--	May 1968	.74	--	--	--	.0015	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	.4	--	--	--	.0086	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1969	.64	--	--	--	.0156	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	.34	--	--	--	.0067	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1970	.72	--	--	--	.0159	--		
79-6	Tailholt "C" Sediment D.	-----do-----	-----do-----	.556	.548	Aug. 1967	--	1/.015	--	--	--	--	FS	
	-----do-----	-----do-----	-----do-----	--	--	May 1968	.74	--	--	--	.0039	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	.54	--	--	--	.001	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1969	.62	--	--	--	.0273	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	.27	--	--	--	.0009	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1970	.72	--	--	--	.0134	--		
79-7	Tailholt Main Sediment D.	-----do-----	-----do-----	2.54	3/2.5	-- --	--	1/.0552	--	--	--	--	FS	
	-----do-----	-----do-----	-----do-----	--	--	June 1966	.64	--	--	--	.0066	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1966	.29	--	--	--	.0019	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1967	.68	--	--	--	.012	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	.33	--	--	--	.0148	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1968	.66	--	--	--	.0081	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	.4	--	--	--	.0002	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1969	.64	--	--	--	.0191	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1969	.35	--	--	--	.0037	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1970	.6	--	--	--	.0187	--		
79-8	Circle End Cr. Sediment Dam	-----do-----	-----do-----	1.452	1.452	-- --	--	1/.013	--	--	--	--	FS	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1966	.58	--	--	--	.0169	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1966	.42	--	--	--	.0016	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1967	.65	--	--	--	.0159	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	.35	--	--	--	.0163	--		
	-----do-----	-----do-----	-----do-----	--	--	May 1968	.65	--	--	--	.0052	--		
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	.4	--	--	--	.0086	--		
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1969	.54	--	--	--	.0144	--		
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	.44	--	--	--	.0014	--		
	-----do-----	-----do-----	-----do-----	--	--	June 1970	.7	--	--	--	.0024	--		
79-9	Indian Fork----------	Indian Fork----------	Ririe, Idaho------	1.6	1.6	-- 1925*	--	3.5	*.007	--	--	--	SCS	
	-----do-----	-----do-----	-----do-----	--	*--	Sept 1966	41	1.88	*.004	95.3	.025	52		
79-10	Rock Creek----------	Rock Creek----------	Ammon, Idaho------	6.76	6.76	-- 1946*	--	12.6	*.008	--	--	--	SCS	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1966	20	8.96	*.006	79.8	.027	45		
			PUERTO RICO											
80-1	Caonillas----------	Caonillas River--------	Utuado, Puerto Rico	4/48.9	47.9	June 1948	--	5/50,149	.566	--	--	--	SCS	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1952	4.3	49,883	.563	38.1	1.29	1,070		

1/ Pond used to take bedload samples and organic matter.
2/ All values lost due to incorrect survey.
3/ Total drainage for this dam includes drainage for Tailholt A, B, and C Creeks after 8-22-67.

4/ Caonillas extension project increased the drainage area to 85.5 sq. mi.; put into operation Oct. 1952.
5/ Determined by 1952 survey.
* Estimated or assumed.

RESERVOIR SEDIMENT DATA SUMMARY

CONCHAS RESERVOIR
NAME OF RESERVOIR

47-1b
DATA SHEET NO.

DAM

1. OWNER Corps of Engineers	2. STREAM Canadian and Conchas	3. STATE New Mexico
4. SEC. 33 TWP. 14N RANGE 26E	5. NEAREST P. O. Conchas Dam	6. COUNTY San Miguel
7. LAT 35° 24′ 10″ LONG. 104° 11′ 25″	8. TOP OF DAM ELEVATION 4240	9. SPILLWAY CREST ELEV. 4201 1/

RESERVOIR

10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. ORIGINAL SURFACE AREA, ACRES	13. ORIGINAL CAPACITY, ACRE-FEET	14. GROSS STORAGE, ACRE-FEET	15. DATE STORAGE BEGAN
a. FLOOD CONTROL	4,218	13,715	201,834	601,112	1 Jan. 1939
b. MULTIPLE USE					
c. POWER					
d. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN
e. IRRIGATION					
f. CONSERVATION	4,201	10,073	296,412	399,278	Jan. 1939
g. INACTIVE	4,155	3,520	102,866	102,866	

17. LENGTH OF RESERVOIR Canadian 23 2/ MILES | AV. WIDTH OF RESERVOIR 4200 Contour 0.75 MILES

WATERSHED

18. TOTAL DRAINAGE AREA 7,409 SQ. MI.		22. MEAN ANNUAL PRECIPITATION 15.2 3/ INCHES	
19. NET SEDIMENT CONTRIBUTING AREA 6,976 SQ. MI.		23. MEAN ANNUAL RUNOFF 0.4864 4/ (65.6) INCHES	
20. LENGTH 100 MILES	AV. WIDTH 73 MILES	24. MEAN ANNUAL RUNOFF 192,200 (65.6) AC.-FT.	
21. MAX. ELEV. 13,000	MIN. ELEV. 4,074	25. ANNUAL TEMP. MEAN 49° RANGE 20-75 3/	

SURVEY DATA

26. DATE OF SURVEY 5/	27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA, ACRES	32. CAPACITY, ACRE-FEET	33. C/I. RATIO, AC.-FT. PER AC.-FT.
Jan. 1939			Contour	10 feet	13,715	601,112	3.13
May 1940	1.4	1.4	Range	14 ranges		599,712	3.12
June 1942	2.1	3.4	Range	24 ranges		585,112	3.04
Nov. 1942	.4	3.8	Range	28 ranges		581,112	3.02
Oct. 1944	1.9	5.7	Contour	10 feet	13,349	576,756	3.00
Feb. 1949	4.3	10.1	Contour	10 feet	13,552	566,163	2.95
Oct. 1963	14.7	24.83	Range (D)	45 ranges	13,677	550,799	2.87
Oct. 1970	6.92	31.75	Contour	5 feet	13,664	528,951	2.75

26. DATE OF SURVEY 5/	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW, ACRE-FEET			36. WATER INFL. TO DATE, AC.-FT.	
		a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE
	Inches					
May 1940	14.26	72,700		101,780	72,700	101,780
June 1942	22.40	859,780	1,059,699	1,805,540	560,980	1,907,320
Nov. 1942	12.50	1,079,980		431,990	615,607	2,339,3[illegible]0
Oct. 1944	14.32	143,750	1,168,350	273,130	458,320	2,612,440
Feb. 1949	13.68	120,500	158,858	518,140	309,960	3,130,580
Oct. 1963	13.01	144,340	336,514	2,121,850	211,790	5,252,430
Oct. 1970	12.04	157,100	394,190	1,087,100	199,670	6,339,530

26. DATE OF SURVEY 5/	37. PERIOD CAPACITY LOSS, ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET		
	a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR
May 1940	1,400			1,400	1,000	0.143
June 1942	14,600	6,952	0.996	16,000	4,710	.675
Nov. 1942	4,000			20,000	5,260	.754
Oct. 1944	4,356	2,290	.328	24,356	4,270	.612
Feb. 1949	10,593	2,460	.353	34,949	3,460	.496
Oct. 1963	15,364	1,045	.150	50,313	2,030	.291
Oct. 1970	21,848	3,157	.453	72,161	2,273	.326

26. DATE OF SURVEY 5/	39. AV. DRY WGT., LBS. PER CU. FT.	40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT		42. SED. INFLOW, PPM	
		a. PERIOD	b. TOTAL TO DATE	a. AV. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE
May 1940	75.7*		236	0.17	0.23	16,687	16,687
June 1942	75.7	1,643	1,113	.78	2.66	9,810	10,177
Nov. 1942	75.7		1,243	.88	3.33	11,233	10,372
Oct. 1944	75.7	541	1,009	.71	4.05	19,348	11,310
Feb. 1949	75.7	581	818	.58	5.81	24,802	13,543
Oct. 1963	75.7	247	479	.34	8.37	8,748	11,621
Oct. 1970	75.7	746	537	.38	12.00	24,376	13,808

*Estimated

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION											
	178-128	128-108	108-88	88-68	68-58	58-48	48-38	38-28	28-Crest	Crest-17	17-29	
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION											
May 1940												
June 1942												
Nov. 1942												
Oct. 1944	16	4	7	10	6	10	15	16	16			
Feb. 1949	13	4	5	9	5	7	11	14	14	16	2	
Oct. 1963	9	9	8	15	9	11	13	11	8	7		
Oct. 1970	3	7	12	10	5	6	8	11	33	4	1	

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR														
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														
May 1940 6/	114	23	3	-26	-16	2				S. Canadian Arm					
	30	22	7	10	18	13				Conchas Arm					
June 1942	6	3	4	4	22	14	27	18	2	S. Canadian Arm					
	20	21	-12	12	13	27	5	14		Conchas Arm					
Nov. 1942	6	2	5	8	16	16	29	16	2	S. Canadian Arm					
	-1	0	1	2	19	57	5	14	3	Conchas Arm					

45. RANGE IN RESERVOIR OPERATION

WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.
1947	4,202.46	4,199.00	129,330	1959	4,200.38	4,193.40	112,620
1948	4,201.46	4,195.63	154,700	1960	4,199.37	4,192.68	131,520
1949	4,200.97	4,192.50	153,260	1961	4,201.75	4,196.55	216,440
1950	4,198.59	4,185.85	131,410	1962	4,201.13	4,193.02	119,280
1951	4,194.68	4,184.24	106,770	1963	4,193.01	4,176.16	76,510
1952	4,184.15	4,168.23	125,930	1964	4,178.58	4,156.05	31,060
1953	4,176.16	4,162.07	107,950	1965	4,201.83	4,157.61	394,190
1954	4,173.22	4,155.80	32,030	1966	4,200.77	4,192.25	108,660
1955	4,190.37	4,157.10	297,760	1967	4,195.35	4,185.79	142,740
1956	4,189.98	4,173.19	51,880	1968	4,193.13	4,183.51	113,130
1957	4,175.40	4,163.80	129,930	1969	4,193.65	4,180.65	192,830
1958	4,201.82	4,173.97	336,510	1970	4,197.55	4,189.30	105,630

46. ELEVATION-AREA-CAPACITY DATA

ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
4,230	16,380	709,119	4,180	5,513	173,912	4,110	311	1,299
4,220	14,110	556,724	4,170	4,323	125,102	4,100	2	24
4,218	13,664	528,951	4,160	3,394	86,519	4,090	1	9
4,210	11,845	426,866	4,150	2,642	56,348	4,080		2
4,201	9,692	330,124	4,140	1,959	33,495	4,070	0	0
4,200	9,463	320,546	4,130	1,323	17,170	4,060	0	0
4,190	7,290	237,119	4,120	797	6,690			

47. REMARKS AND REFERENCES

1/ Emergency Spillway Crest at 4218.
2/ Conchas 13.8 miles.
3/ From climatic Atlas dated June 1968.
4/ This figure affected by water taken out above reservoir for irrigation.
5/ Totals computed to end of each month shown.
6/ Only dates computed.

48. AGENCY MAKING SURVEY Albuquerque District Corps of Engineers

49. AGENCY SUPPLYING DATA Corps of Engineers

50. DATE May 1970

RESERVOIR SEDIMENT
DATA SUMMARY

NAME OF RESERVOIR

DATA SHEET NO.

DAM

1. OWNER	2. STREAM	3. STATE
4. SEC. TWP. RANGE	5. NEAREST P. O.	6. COUNTY
7. LAT. ° ′ ″ LONG. ° ′ ″	8. TOP OF DAM ELEVATION	9. SPILLWAY CREST ELEV.

RESERVOIR

10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. ORIGINAL SURFACE AREA, ACRES	13. ORIGINAL CAPACITY, ACRE-FEET	14. GROSS STORAGE, ACRE-FEET	15. DATE STORAGE BEGAN
a. FLOOD CONTROL					
b. MULTIPLE USE					
c. POWER					
d. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN
e. IRRIGATION					
f. CONSERVATION					
g. INACTIVE					

17. LENGTH OF RESERVOIR MILES	AV. WIDTH OF RESERVOIR MILES

WATERSHED

18. TOTAL DRAINAGE AREA SQ. MI.	22. MEAN ANNUAL PRECIPITATION INCHES
19. NET SEDIMENT CONTRIBUTING AREA SQ. MI.	23. MEAN ANNUAL RUNOFF INCHES
20. LENGTH MILES / AV. WIDTH MILES	24. MEAN ANNUAL RUNOFF AC.-FT.
21. MAX. ELEV. / MIN. ELEV.	25. ANNUAL TEMP.: MEAN RANGE

SURVEY DATA

26. DATE OF SURVEY	27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA, ACRES	32. CAPACITY, ACRE-FEET	33. C/I. RATIO, AC.-FT. PER AC.-FT.

26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW, ACRE-FEET			36. WATER INFL. TO DATE, AC.-FT.	
		a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE

26. DATE OF SURVEY	37. PERIOD CAPACITY LOSS, ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET		
	a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR

26. DATE OF SURVEY	39. AV. DRY WGT., LBS. PER CU. FT.	40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT.		42. SED. INFLOW, PPM	
		a. PERIOD	b. TOTAL TO DATE	a. AV. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION											
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION											

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR														
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

45. RANGE IN RESERVOIR OPERATION

WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.

46. ELEVATION–AREA–CAPACITY DATA

ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY

47. REMARKS AND REFERENCES

48. AGENCY MAKING SURVEY

49. AGENCY SUPPLYING DATA

50. DATE _____

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